

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

FORM 3

AMENDED REPORT

<b>APPLICATION FOR PERMIT TO DRILL</b>						1. WELL NAME and NUMBER Moon 13-6-4-3W							
2. TYPE OF WORK DRILL NEW WELL <input checked="" type="checkbox"/> REENTER P&A WELL <input type="checkbox"/> DEEPEN WELL <input type="checkbox"/>						3. FIELD OR WILDCAT WILDCAT							
4. TYPE OF WELL Oil Well Coalbed Methane Well: NO						5. UNIT or COMMUNITIZATION AGREEMENT NAME							
6. NAME OF OPERATOR NEWFIELD PRODUCTION COMPANY						7. OPERATOR PHONE 435 646-4825							
8. ADDRESS OF OPERATOR Rt 3 Box 3630 , Myton, UT, 84052						9. OPERATOR E-MAIL mcozler@newfield.com							
10. MINERAL LEASE NUMBER (FEDERAL, INDIAN, OR STATE) Patented			11. MINERAL OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>			12. SURFACE OWNERSHIP FEDERAL <input type="checkbox"/> INDIAN <input type="checkbox"/> STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>							
13. NAME OF SURFACE OWNER (if box 12 = 'fee') Phillip Moon Enterprises (Clinton Moon)						14. SURFACE OWNER PHONE (if box 12 = 'fee') 435-738-2059							
15. ADDRESS OF SURFACE OWNER (if box 12 = 'fee') 1116 East 2570 North, ,						16. SURFACE OWNER E-MAIL (if box 12 = 'fee')							
17. INDIAN ALLOTTEE OR TRIBE NAME (if box 12 = 'INDIAN')			18. INTEND TO COMMINGLE PRODUCTION FROM MULTIPLE FORMATIONS YES <input type="checkbox"/> (Submit Commingling Application) NO <input checked="" type="checkbox"/>			19. SLANT VERTICAL <input type="checkbox"/> DIRECTIONAL <input checked="" type="checkbox"/> HORIZONTAL <input type="checkbox"/>							
20. LOCATION OF WELL		FOOTAGES		QTR-QTR		SECTION		TOWNSHIP		RANGE		MERIDIAN	
LOCATION AT SURFACE		760 FSL 239 FWL		SWSW		6		4.0 S		3.0 W		U	
Top of Uppermost Producing Zone		760 FSL 239 FWL		SWSW		6		4.0 S		3.0 W		U	
At Total Depth		760 FSL 665 FWL		SWSW		6		4.0 S		3.0 W		U	
21. COUNTY DUCHESENE			22. DISTANCE TO NEAREST LEASE LINE (Feet) 39			23. NUMBER OF ACRES IN DRILLING UNIT 40							
			25. DISTANCE TO NEAREST WELL IN SAME POOL (Approved For Drilling or Completed) 0			26. PROPOSED DEPTH MD: 9523 TVD: 9500							
27. ELEVATION - GROUND LEVEL 5538			28. BOND NUMBER B001834			29. SOURCE OF DRILLING WATER / WATER RIGHTS APPROVAL NUMBER IF APPLICABLE 437478							
<b>Hole, Casing, and Cement Information</b>													
String	Hole Size	Casing Size	Length	Weight	Grade & Thread	Max Mud Wt.	Cement		Sacks	Yield	Weight		
COND	17.5	13.375	0 - 60	48.0	H-40 ST&C	0.0	Class G		41	1.17	15.8		
SURF	12.25	9.625	0 - 2505	36.0	J-55 ST&C	0.0	Premium Lite High Strength		204	3.53	11.0		
							Class G		155	1.17	15.8		
PROD	8.75	5.5	0 - 9523	17.0	P-110 LT&C	10.0	Premium Lite High Strength		413	3.53	11.0		
							50/50 Poz		586	1.24	14.3		
<b>ATTACHMENTS</b>													
<b>VERIFY THE FOLLOWING ARE ATTACHED IN ACCORDANCE WITH THE UTAH OIL AND GAS CONSERVATION GENERAL RULES</b>													
<input checked="" type="checkbox"/> WELL PLAT OR MAP PREPARED BY LICENSED SURVEYOR OR ENGINEER						<input checked="" type="checkbox"/> COMPLETE DRILLING PLAN							
<input checked="" type="checkbox"/> AFFIDAVIT OF STATUS OF SURFACE OWNER AGREEMENT (IF FEE SURFACE)						<input type="checkbox"/> FORM 5. IF OPERATOR IS OTHER THAN THE LEASE OWNER							
<input checked="" type="checkbox"/> DIRECTIONAL SURVEY PLAN (IF DIRECTIONALLY OR HORIZONTALLY DRILLED)						<input checked="" type="checkbox"/> TOPOGRAPHICAL MAP							
NAME Don Hamilton				TITLE Permitting Agent				PHONE 435 719-2018					
SIGNATURE				DATE 01/17/2012				EMAIL starpoint@etv.net					
API NUMBER ASSIGNED 43013511860000				APPROVAL   Permit Manager									

**Newfield Production Company**  
**Moon 13-6-4-3W**  
**SW/SW Section 6, T4S, R3W**  
**Duchesne County, UT**

**Drilling Program**

**1. Formation Tops**

Uinta	surface
Green River	2,555'
Garden Gulch Member	5,190'
Wasatch	7,835'
TD (TVD)	9,500'
TD (MD)	9,523'

**2. Depth to Oil, Gas, Water, or Minerals**

Base of moderately saline	106'	(water)
Green River	7,335' - 7,835'	(oil)
Wasatch	7,835' TD	(oil)

**3. Pressure Control**

<u>Section</u>	<u>BOP Description</u>
Surface	12-1/4" drifter

Production The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc for a 5M system.

A 5M BOP system will consist of 2 ram preventers (double or two singles) and an annular preventer (see attached diagram). A choke manifold rated to at least 5,000 psi will be used.

**4. Casing**

Description	Interval		Weight (ppf)	Grade	Coup	Pore Press @ Shoe	MW @ Shoe	Frac Grad @ Shoe	Safety Factors		
	Top	Bottom							Burst	Collapse	Tension
Conductor 13 3/8	0'	60'	48	H-40	STC	--	--	--	1,730	770	322,000
									--	--	--
Surface 9 5/8	0'	2,505'	36	J-55	STC	8.33	8.33	12	3,520	2,020	394,000
									2.50	2.53	4.37
Production 5 1/2	0'	9,523'	17	P-110	LTC	9.5	10	--	10,640	7,460	445,000
									2.84	1.87	2.75

**Assumptions:**

Surface casing MASP = (frac gradient + 1.0 ppg) - (gas gradient)

Production casing MASP = (reservoir pressure) - (gas gradient)

All collapse calculations assume fully evacuated casing with a gas gradient

All tension calculations assume air weight of casing

Gas gradient = 0.1 psi/ft

All casing shall be new.

All casing strings shall have a minimum of 1 centralizer on each of the bottom 3 joints.

## 5. Cement

Job	Hole Size	Fill	Slurry Description	ft <sup>3</sup>	OH excess	Weight (ppg)	Yield (ft <sup>3</sup> /sk)
				sacks			
Conductor	17 1/2	60'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	48	15%	15.8	1.17
				41			
Surface Lead	12 1/4	2,000'	Premium Lite II w/ 3% KCl + 10% bentonite	720	15%	11.0	3.53
				204			
Surface Tail	12 1/4	505'	Class G w/ 2% KCl + 0.25 lbs/sk Cello Flake	182	15%	15.8	1.17
				155			
Production Lead	8 3/4	5,018'	Premium Lite II w/ 3% KCl + 10% bentonite	458	15%	11.0	3.53
				415			
Production Tail	8 3/4	2,500'	50/50 Poz/Class G w/ 3% KCl + 2% bentonite	726	15%	14.3	1.24
				586			

The surface casing will be cemented to surface. In the event that cement does not reach surface during the primary cement job, a remedial job will be performed.

Actual cement volumes for the production casing string will be calculated from an open hole caliper log, plus 15% excess.

## 6. Type and Characteristics of Proposed Circulating Medium

### Interval

### Description

Surface - 2,505'

An air and/or fresh water system will be utilized. If an air rig is used, the blooie line discharge may be less than 100' from the wellbore in order to minimize location size. The blooie line is not equipped with an automatic igniter. The air compressor may be located less than 100' from the well bore due to the low possibility of combustion with the air/dust mixture. Water will be on location to be used as kill fluid, if necessary.

2,505' - TD

A water based mud system will be utilized. Hole stability may be improved with additions of KCl or a similar inhibitive substance. In order to control formation pressure the system will be weighted with additions of bentonite, and if conditions warrant, with barite.

Anticipated maximum mud weight is 10.0 ppg.

## 7. Logging, Coring, and Testing

Logging: A dual induction, gamma ray, and caliper log will be run from TD to the base of the

surface casing. A compensated neutron/formation density log will be run from TD to the top of the Garden Gulch formation. A cement bond log will be run from PBTD to the cement top behind the production casing.

Cores: As deemed necessary.

DST: There are no DST's planned for this well.

**8. Anticipated Abnormal Pressure or Temperature**

Maximum anticipated bottomhole pressure will be approximately equal to total depth (feet) multiplied by a 0.49 psi/ft gradient.

$$9,500' \times 0.49 \text{ psi/ft} = 4693 \text{ psi}$$

No abnormal temperature is expected. No H<sub>2</sub>S is expected.

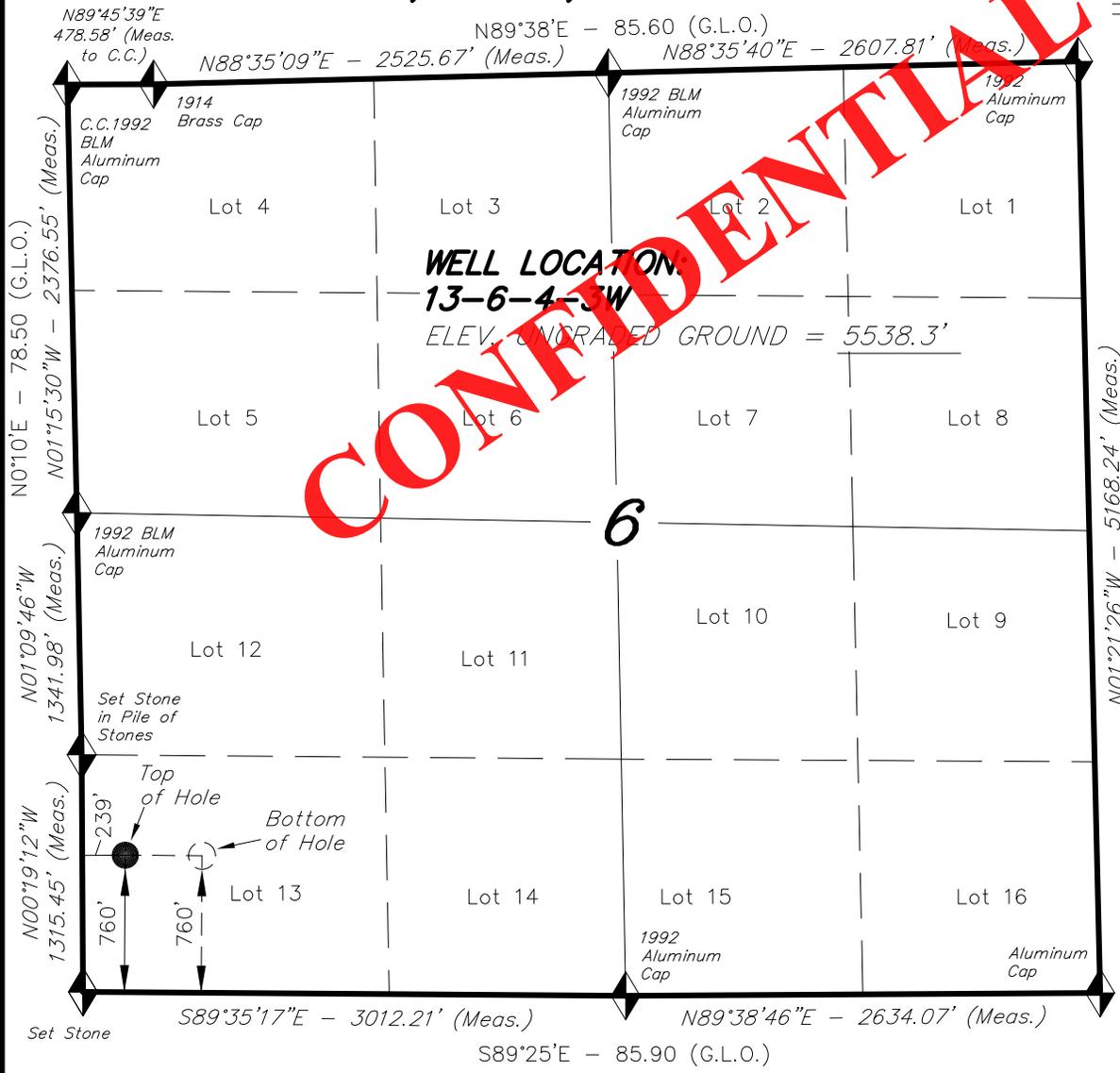
**9. Other Aspects**

This is planned as an "S" shaped directional well for a legal bottomhole location. A directional plan is attached.

**CONFIDENTIAL**

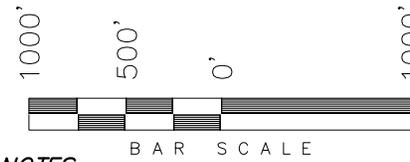
# T4S, R3W, U.S.B.&M.

## NEWFIELD EXPLORATION COMPANY



WELL LOCATION, 13-6-4-3W, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 (LOT 13) OF SECTION 6, T4S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.

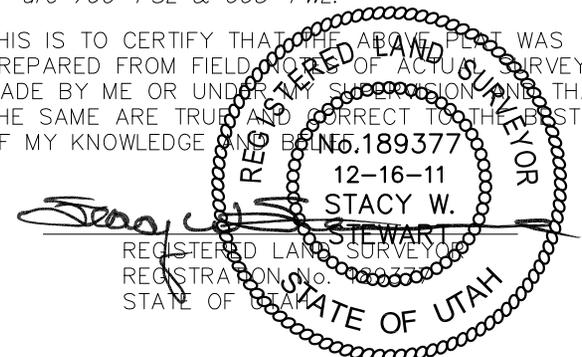
TARGET BOTTOM HOLE, 13-6-4-3W, LOCATED AS SHOWN IN THE SW 1/4 SW 1/4 (LOT 13) OF SECTION 6, T4S, R3W, U.S.B.&M. DUCHESNE COUNTY, UTAH.



**NOTES:**

1. Well footages are measured at right angles to the Section Lines.
2. Bearings are based on Global Positioning Satellite observations.
3. The Bottom of Hole bears S89°32'59"E 426.54' from the Top of Hole.
4. The Bottom of Hole footages are 760' FSL & 665' FWL.

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



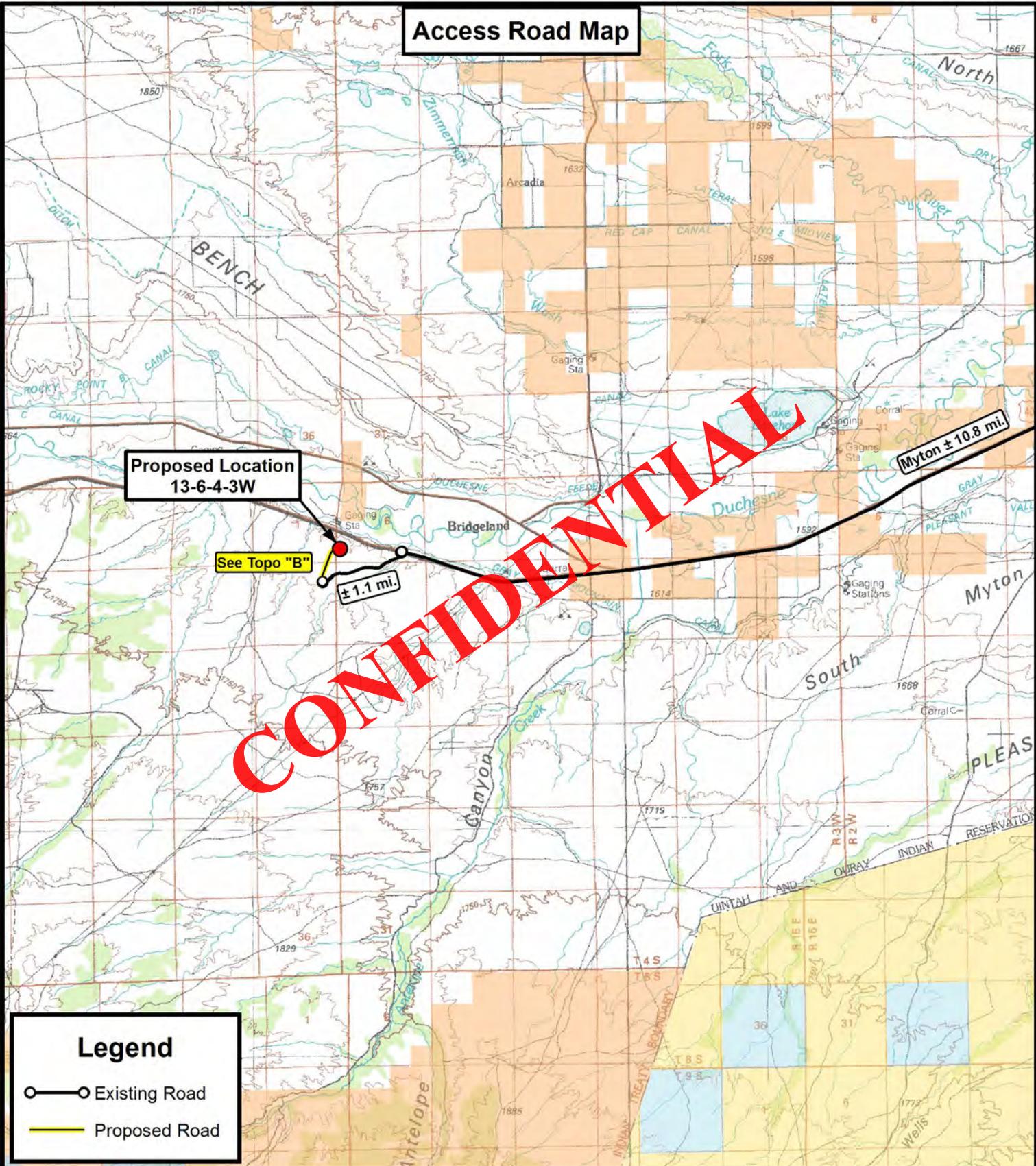
◆ = SECTION CORNERS LOCATED

BASIS OF ELEV; Elevations are based on an N.G.S. OPUS Correction. LOCATION: LAT. 40°04'09.56" LONG. 110°00'43.28" (Tristate Aluminum Cap) Elev. 5281.57'

**13-6-4-3W**  
 (Surface Location) NAD 83  
 LATITUDE = 40° 09' 32.47"  
 LONGITUDE = 110° 16' 31.73"

TRI STATE LAND SURVEYING & CONSULTING		
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078 (435) 781-2501		
DATE SURVEYED: 10-10-11	SURVEYED BY: S.H.	VERSION:
DATE DRAWN: 10-13-11	DRAWN BY: R.B.T.	V4
REVISED: 12-15-11 F.T.M.	SCALE: 1" = 1000'	

# Access Road Map



**CONFIDENTIAL**

**Legend**

- Existing Road
- Proposed Road

**Tri State Land Surveying, Inc.**  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

P: (435) 781-2501  
 F: (435) 781-2518



**NEWFIELD EXPLORATION COMPANY**

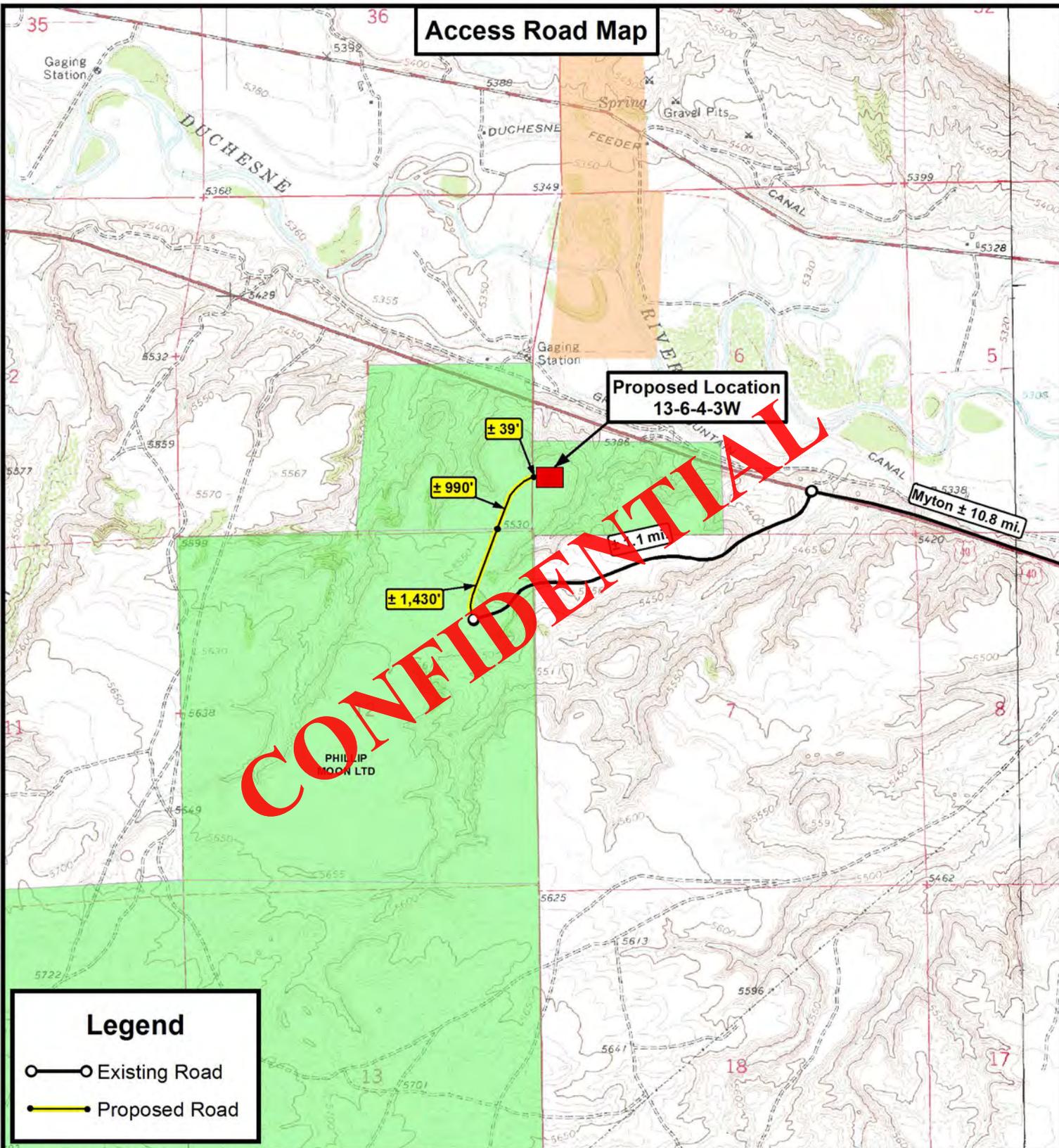
13-6-4-3W  
 SEC. 6, T4S, R3W, U.S.B.&M.  
 Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	12-15-11 A.P.C.	VERSION:
DATE:	10-13-2011			<b>V4</b>
SCALE:	1:100,000			

**TOPOGRAPHIC MAP**

SHEET **A**

**Access Road Map**



CONFIDENTIAL

**Legend**

- Existing Road
- Proposed Road

THE PARCEL INFORMATION SHOWN HAS NOT BEEN SURVEYED BY TRI-STATE LAND SURVEYING, INC. - TRI-STATE DOES NOT WARRANTY PROPERTY PARCEL DATA OR ANY ASSOCIATED INFORMATION. A PROPERTY SURVEY IS REQUIRED TO DETERMINE THE ACTUAL LOCATION OF PROPERTY LINES AND SHOW ACCURATE DISTANCES ACROSS PARCELS.

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Land Surveying, Inc.**  
180 NORTH VERNAL AVE. VERNAL, UTAH 84078

DRAWN BY:	D.C.R.	REVISED:	12-15-11 A.P.C.
DATE:	10-13-2011	<b>V4</b>	
SCALE:	1" = 2,000'		

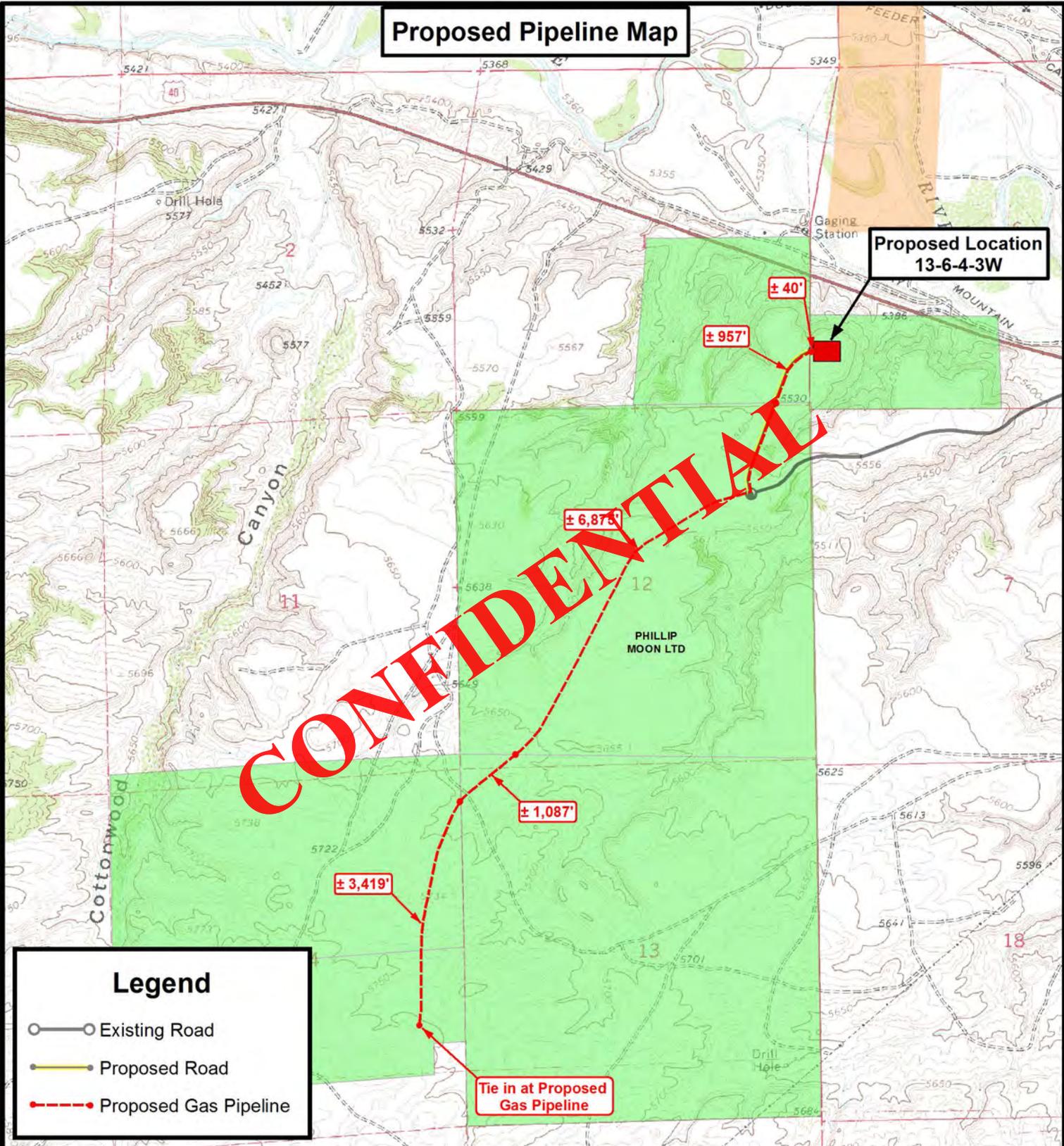
**NEWFIELD EXPLORATION COMPANY**

13-6-4-3W  
SEC. 6, T4S, R3W, U.S.B.&M.  
Duchesne County, UT.

TOPOGRAPHIC MAP

SHEET  
**B**

**Proposed Pipeline Map**



**Legend**

- Existing Road
- Proposed Road
- Proposed Gas Pipeline

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**NEWFIELD EXPLORATION COMPANY**

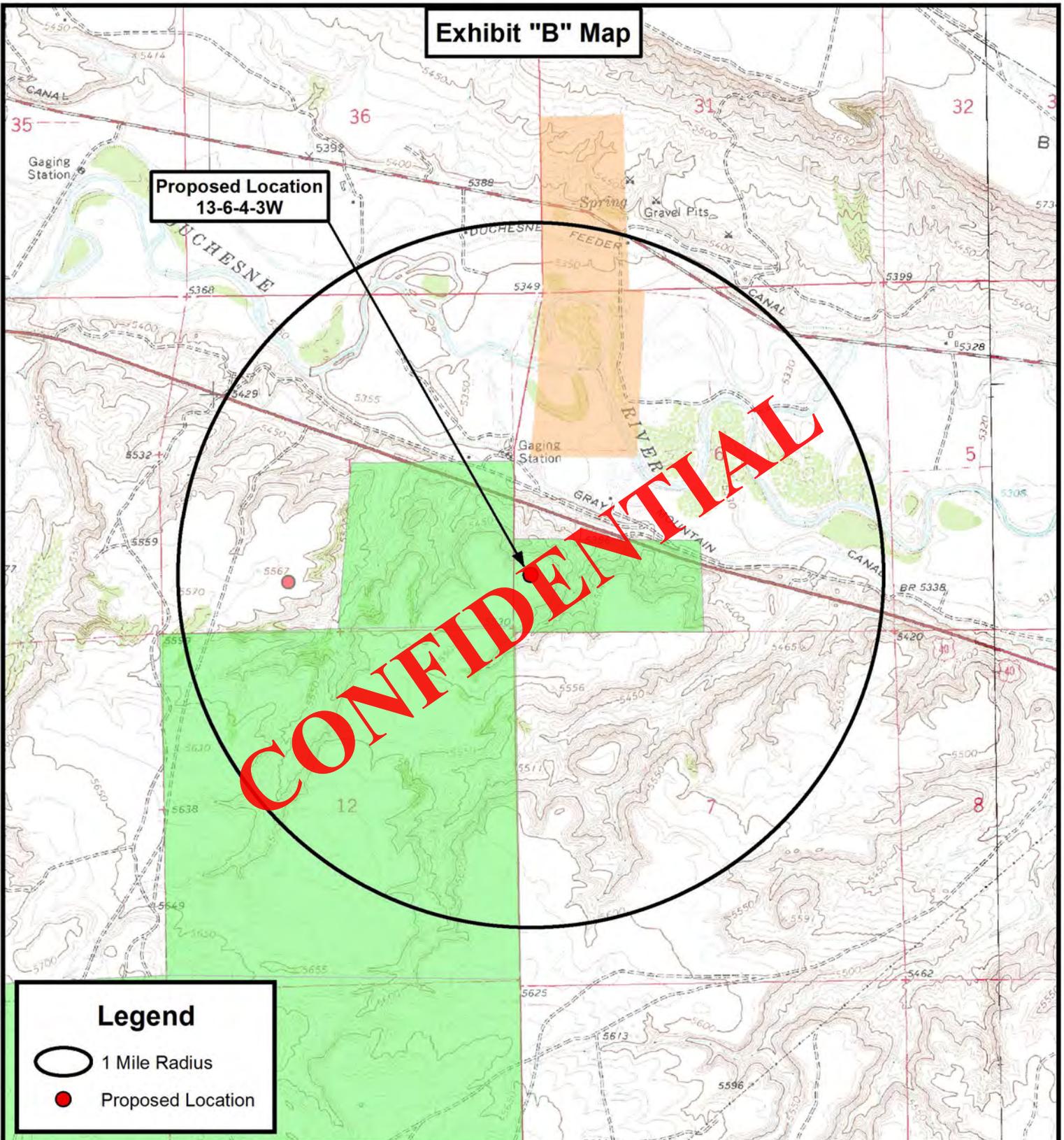
13-6-4-3W  
 SEC. 6, T4S, R3W, U.S.B.&M.  
 Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	12-15-11 A.P.C.	VERSION:
DATE:	10-13-2011			<b>V4</b>
SCALE:	1" = 2,000'			

**TOPOGRAPHIC MAP**

SHEET **C**

Exhibit "B" Map



Proposed Location  
13-6-4-3W

**Legend**

- 1 Mile Radius
- Proposed Location

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**NEWFIELD EXPLORATION COMPANY**

13-6-4-3W  
SEC. 6, T4S, R3W, U.S.B.&M.  
Duchesne County, UT.

DRAWN BY:	D.C.R.	REVISED:	12-15-11 A.P.C.	VERSION:
DATE:	10-13-2011			<b>V4</b>
SCALE:	1" = 2,000'			

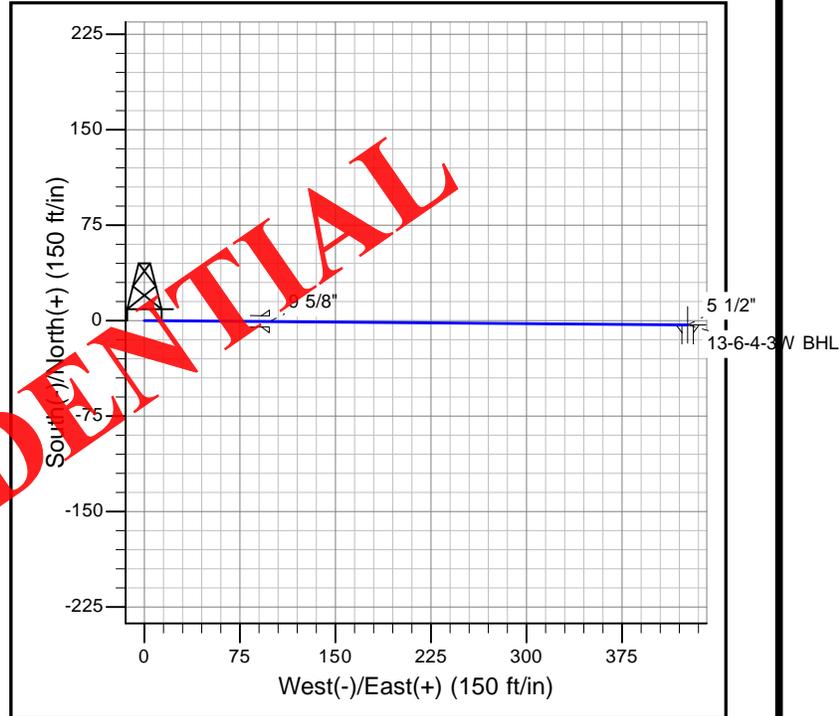
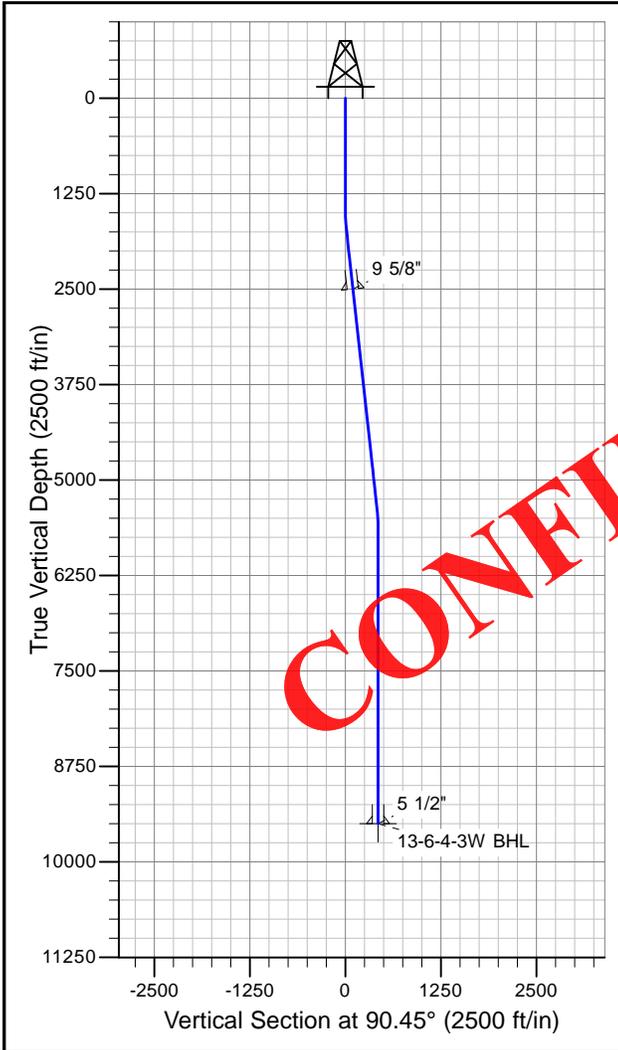
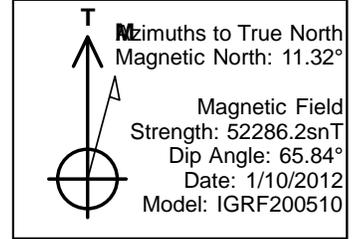
**TOPOGRAPHIC MAP**

SHEET  
**D**



# Newfield Production Company

**Project: Uinta Basin**  
**Site: Moon 13-6-4-3W**  
**Well: Moon 13-6-4-3W**  
**Wellbore: Wellbore #1**  
**Design: Design #1**



**PROJECT DETAILS: Uinta Basin**

**Geodetic System: US State Plane 1983**  
**Datum: North American Datum 1983**  
**Ellipsoid: GRS 1980**  
**Zone: Utah Central Zone**  
**System Datum: Mean Sea Level**

SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	V Sect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1500.0	0.00	0.00	1500.0	0.0	0.0	0.00	0.00	0.0	
3	1708.5	6.26	90.45	1708.1	-0.1	11.4	3.00	90.45	11.4	
4	5414.4	6.26	90.45	5391.9	-3.3	415.2	0.00	0.00	415.2	
5	5622.9	0.00	0.00	5600.0	-3.4	426.5	3.00	180.00	426.5	
6	9522.9	0.00	0.00	9500.0	-3.4	426.5	0.00	0.00	426.5	13-6-4-3W BHL

# Newfield Production Company

Uinta Basin

Moon 13-6-4-3W

Moon 13-6-4-3W

Wellbore #1

Plan: Design #1

## Standard Planning Report

10 January, 2012

**CONFIDENTIAL**

## Newfield Exploration Planning Report

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Site Moon 13-6-4-3W
<b>Company:</b>	Newfield Production Company	<b>TVD Reference:</b>	RKB @ 5556.0ft
<b>Project:</b>	Uinta Basin	<b>MD Reference:</b>	RKB @ 5556.0ft
<b>Site:</b>	Moon 13-6-4-3W	<b>North Reference:</b>	True
<b>Well:</b>	Moon 13-6-4-3W	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

<b>Project</b>	Uinta Basin		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	Utah Central Zone		

<b>Site</b>	Moon 13-6-4-3W				
<b>Site Position:</b>		<b>Northing:</b>	2,203,400.67 m	<b>Latitude:</b>	40° 9' 32.470 N
<b>From:</b>	Lat/Long	<b>Easting:</b>	604,311.33 m	<b>Longitude:</b>	110° 16' 31.730 W
<b>Position Uncertainty:</b>	0.0 ft	<b>Slot Radius:</b>	0.000 in	<b>Grid Convergence:</b>	0.78 °

<b>Well</b>	Moon 13-6-4-3W					
<b>Well Position</b>	<b>+N-S</b>	0.0 ft	<b>Northing:</b>	2,203,400.67 m	<b>Latitude:</b>	40° 9' 32.470 N
	<b>+E-W</b>	0.0 ft	<b>Easting:</b>	604,311.33 m	<b>Longitude:</b>	110° 16' 31.730 W
<b>Position Uncertainty</b>		0.0 ft	<b>Wellhead Elevation:</b>		<b>Ground Level:</b>	5,538.0 ft

<b>Wellbore</b>	Wellbore #1				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF200510	1/10/2012	11.32	65.84	52,286

<b>Design</b>	Design #1			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PROTOTYPE	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (ft)</b>	<b>+N-S (ft)</b>	<b>+E-W (ft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	90.45

<b>Plan Sections</b>										
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N-S (ft)	+E-W (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	TFO (°)	Target
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,708.5	6.26	90.45	1,708.1	-0.1	11.4	3.00	3.00	0.00	90.45	
5,414.4	6.26	90.45	5,391.9	-3.3	415.2	0.00	0.00	0.00	0.00	
5,622.9	0.00	0.00	5,600.0	-3.4	426.5	3.00	-3.00	0.00	180.00	
9,522.9	0.00	0.00	9,500.0	-3.4	426.5	0.00	0.00	0.00	0.00	13-6-4-3W BHL

## Newfield Exploration

### Planning Report

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Site Moon 13-6-4-3W
<b>Company:</b>	Newfield Production Company	<b>TVD Reference:</b>	RKB @ 5556.0ft
<b>Project:</b>	Uinta Basin	<b>MD Reference:</b>	RKB @ 5556.0ft
<b>Site:</b>	Moon 13-6-4-3W	<b>North Reference:</b>	True
<b>Well:</b>	Moon 13-6-4-3W	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

Planned Survey									
Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	3.00	90.45	1,600.0	0.0	2.6	2.6	3.00	3.00	0.00
1,700.0	6.00	90.45	1,699.6	-0.1	10.5	10.5	3.00	3.00	0.00
1,708.5	6.26	90.45	1,708.5	-0.1	11.4	11.4	3.00	3.00	0.00
1,800.0	6.26	90.45	1,799.0	-0.2	21.3	21.3	0.00	0.00	0.00
1,900.0	6.26	90.45	1,898.4	-0.3	32.2	32.2	0.00	0.00	0.00
2,000.0	6.26	90.45	1,997.9	-0.3	43.1	43.1	0.00	0.00	0.00
2,100.0	6.26	90.45	2,097.3	-0.4	54.0	54.0	0.00	0.00	0.00
2,200.0	6.26	90.45	2,196.7	-0.5	64.9	64.9	0.00	0.00	0.00
2,300.0	6.26	90.45	2,296.1	-0.6	75.8	75.8	0.00	0.00	0.00
2,400.0	6.26	90.45	2,395.5	-0.7	86.7	86.7	0.00	0.00	0.00
2,500.0	6.26	90.45	2,494.9	-0.8	97.6	97.6	0.00	0.00	0.00
2,505.2	6.26	90.45	2,500.0	-0.8	98.2	98.2	0.00	0.00	0.00
<b>9 5/8"</b>									
2,600.0	6.26	90.45	2,594.3	-0.9	108.5	108.5	0.00	0.00	0.00
2,700.0	6.26	90.45	2,693.7	-0.9	119.4	119.4	0.00	0.00	0.00
2,800.0	6.26	90.45	2,793.1	-1.0	130.3	130.3	0.00	0.00	0.00
2,900.0	6.26	90.45	2,892.5	-1.1	141.2	141.2	0.00	0.00	0.00
3,000.0	6.26	90.45	2,991.9	-1.2	152.1	152.1	0.00	0.00	0.00
3,100.0	6.26	90.45	3,091.3	-1.3	163.0	163.0	0.00	0.00	0.00
3,200.0	6.26	90.45	3,190.7	-1.4	173.9	173.9	0.00	0.00	0.00
3,300.0	6.26	90.45	3,290.1	-1.5	184.8	184.8	0.00	0.00	0.00
3,400.0	6.26	90.45	3,389.5	-1.5	195.7	195.7	0.00	0.00	0.00
3,500.0	6.26	90.45	3,488.9	-1.6	206.6	206.6	0.00	0.00	0.00
3,600.0	6.26	90.45	3,588.3	-1.7	217.5	217.5	0.00	0.00	0.00
3,700.0	6.26	90.45	3,687.7	-1.8	228.4	228.4	0.00	0.00	0.00
3,800.0	6.26	90.45	3,787.1	-1.9	239.3	239.3	0.00	0.00	0.00
3,900.0	6.26	90.45	3,886.5	-2.0	250.2	250.2	0.00	0.00	0.00
4,000.0	6.26	90.45	3,985.9	-2.1	261.0	261.1	0.00	0.00	0.00
4,100.0	6.26	90.45	4,085.3	-2.1	271.9	272.0	0.00	0.00	0.00
4,200.0	6.26	90.45	4,184.8	-2.2	282.8	282.8	0.00	0.00	0.00
4,300.0	6.26	90.45	4,284.2	-2.3	293.7	293.7	0.00	0.00	0.00
4,400.0	6.26	90.45	4,383.6	-2.4	304.6	304.6	0.00	0.00	0.00
4,500.0	6.26	90.45	4,483.0	-2.5	315.5	315.5	0.00	0.00	0.00
4,600.0	6.26	90.45	4,582.4	-2.6	326.4	326.4	0.00	0.00	0.00
4,700.0	6.26	90.45	4,681.8	-2.6	337.3	337.3	0.00	0.00	0.00
4,800.0	6.26	90.45	4,781.2	-2.7	348.2	348.2	0.00	0.00	0.00
4,900.0	6.26	90.45	4,880.6	-2.8	359.1	359.1	0.00	0.00	0.00
5,000.0	6.26	90.45	4,980.0	-2.9	370.0	370.0	0.00	0.00	0.00

## Newfield Exploration

### Planning Report

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Site Moon 13-6-4-3W
<b>Company:</b>	Newfield Production Company	<b>TVD Reference:</b>	RKB @ 5556.0ft
<b>Project:</b>	Uinta Basin	<b>MD Reference:</b>	RKB @ 5556.0ft
<b>Site:</b>	Moon 13-6-4-3W	<b>North Reference:</b>	True
<b>Well:</b>	Moon 13-6-4-3W	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

**Planned Survey**

Measured Depth (ft)	Inclination (°)	Azimuth (°)	Vertical Depth (ft)	+N/-S (ft)	+E/-W (ft)	Vertical Section (ft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
5,100.0	6.26	90.45	5,079.4	-3.0	380.9	380.9	0.00	0.00	0.00
5,200.0	6.26	90.45	5,178.8	-3.1	391.8	391.8	0.00	0.00	0.00
5,300.0	6.26	90.45	5,278.2	-3.2	402.7	402.7	0.00	0.00	0.00
5,400.0	6.26	90.45	5,377.6	-3.2	413.6	413.6	0.00	0.00	0.00
5,414.4	6.26	90.45	5,391.9	-3.3	415.2	415.2	0.00	0.00	0.00
5,500.0	3.69	90.45	5,477.2	-3.3	422.6	422.6	3.00	-3.00	0.00
5,600.0	0.69	90.45	5,577.1	-3.3	426.4	426.4	3.00	-3.00	0.00
5,622.9	0.00	0.00	5,600.0	-3.4	426.5	426.5	3.00	-3.00	0.00
5,700.0	0.00	0.00	5,677.1	-3.4	426.5	426.5	0.00	0.00	0.00
5,800.0	0.00	0.00	5,777.1	-3.4	426.5	426.5	0.00	0.00	0.00
5,900.0	0.00	0.00	5,877.1	-3.4	426.5	426.5	0.00	0.00	0.00
6,000.0	0.00	0.00	5,977.1	-3.4	426.5	426.5	0.00	0.00	0.00
6,100.0	0.00	0.00	6,077.1	-3.4	426.5	426.5	0.00	0.00	0.00
6,200.0	0.00	0.00	6,177.1	-3.4	426.5	426.5	0.00	0.00	0.00
6,300.0	0.00	0.00	6,277.1	-3.4	426.5	426.5	0.00	0.00	0.00
6,400.0	0.00	0.00	6,377.1	-3.4	426.5	426.5	0.00	0.00	0.00
6,500.0	0.00	0.00	6,477.1	-3.4	426.5	426.5	0.00	0.00	0.00
6,600.0	0.00	0.00	6,577.1	-3.4	426.5	426.5	0.00	0.00	0.00
6,700.0	0.00	0.00	6,677.1	-3.4	426.5	426.5	0.00	0.00	0.00
6,800.0	0.00	0.00	6,777.1	-3.4	426.5	426.5	0.00	0.00	0.00
6,900.0	0.00	0.00	6,877.1	-3.4	426.5	426.5	0.00	0.00	0.00
7,000.0	0.00	0.00	6,977.1	-3.4	426.5	426.5	0.00	0.00	0.00
7,100.0	0.00	0.00	7,077.1	-3.4	426.5	426.5	0.00	0.00	0.00
7,200.0	0.00	0.00	7,177.1	-3.4	426.5	426.5	0.00	0.00	0.00
7,300.0	0.00	0.00	7,277.1	-3.4	426.5	426.5	0.00	0.00	0.00
7,400.0	0.00	0.00	7,377.1	-3.4	426.5	426.5	0.00	0.00	0.00
7,500.0	0.00	0.00	7,477.1	-3.4	426.5	426.5	0.00	0.00	0.00
7,600.0	0.00	0.00	7,577.1	-3.4	426.5	426.5	0.00	0.00	0.00
7,700.0	0.00	0.00	7,677.1	-3.4	426.5	426.5	0.00	0.00	0.00
7,800.0	0.00	0.00	7,777.1	-3.4	426.5	426.5	0.00	0.00	0.00
7,900.0	0.00	0.00	7,877.1	-3.4	426.5	426.5	0.00	0.00	0.00
8,000.0	0.00	0.00	7,977.1	-3.4	426.5	426.5	0.00	0.00	0.00
8,100.0	0.00	0.00	8,077.1	-3.4	426.5	426.5	0.00	0.00	0.00
8,200.0	0.00	0.00	8,177.1	-3.4	426.5	426.5	0.00	0.00	0.00
8,300.0	0.00	0.00	8,277.1	-3.4	426.5	426.5	0.00	0.00	0.00
8,400.0	0.00	0.00	8,377.1	-3.4	426.5	426.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,477.1	-3.4	426.5	426.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,577.1	-3.4	426.5	426.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,677.1	-3.4	426.5	426.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,777.1	-3.4	426.5	426.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,877.1	-3.4	426.5	426.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,977.1	-3.4	426.5	426.5	0.00	0.00	0.00
9,100.0	0.00	0.00	9,077.1	-3.4	426.5	426.5	0.00	0.00	0.00
9,200.0	0.00	0.00	9,177.1	-3.4	426.5	426.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,277.1	-3.4	426.5	426.5	0.00	0.00	0.00
9,400.0	0.00	0.00	9,377.1	-3.4	426.5	426.5	0.00	0.00	0.00
9,500.0	0.00	0.00	9,477.1	-3.4	426.5	426.5	0.00	0.00	0.00
9,522.9	0.00	0.00	9,500.0	-3.4	426.5	426.5	0.00	0.00	0.00
<b>5 1/2"</b>									

CONFIDENTIAL

## Newfield Exploration

### Planning Report

<b>Database:</b>	EDM 5000.1 Single User Db	<b>Local Co-ordinate Reference:</b>	Site Moon 13-6-4-3W
<b>Company:</b>	Newfield Production Company	<b>TVD Reference:</b>	RKB @ 5556.0ft
<b>Project:</b>	Uinta Basin	<b>MD Reference:</b>	RKB @ 5556.0ft
<b>Site:</b>	Moon 13-6-4-3W	<b>North Reference:</b>	True
<b>Well:</b>	Moon 13-6-4-3W	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	Wellbore #1		
<b>Design:</b>	Design #1		

#### Design Targets

##### Target Name

- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (ft)	+N-S (ft)	+E-W (ft)	Northing (m)	Easting (m)	Latitude	Longitude
13-6-4-3W BHL	0.00	0.00	9,500.0	-3.4	426.5	2,203,401.43	604,441.34	40° 9' 32.437 N	110° 16' 26.236 W
- plan hits target center									
- Point									

#### Casing Points

Measured Depth (ft)	Vertical Depth (ft)		Name	Casing Diameter (in)	Hole Diameter (in)
2,505.2	2,500.0	9 5/8"		9.625	12.250
9,522.9	9,500.0	5 1/2"		5.500	8.750

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**AFFIDAVIT OF EASEMENT, RIGHT-OF-WAY AND SURFACE USE AGREEMENT**

Shane Gillespie personally appeared before me, being duly sworn, deposes and with respect to State of Utah R649-3-34.7 says:

1. My name is Shane Gillespie. I am a Landman for Newfield Production Company, whose address is 1001 17<sup>th</sup> Street, Suite 2000, Denver, CO 80202 ("Newfield").
2. Newfield is the Operator of the proposed Moon 13-6-4-3W well with a surface location to be located in the SWSW of Section 6, Township 4 South, Range 3 West, Duchesne County, Utah (the "Drillsite Location"). The surface owner of the Drillsite Location is Clinton L. Moon, Manager of the Phillip Moon Enterprises L.L.C. Trust, whose address is 1116 E. 2170 N., Provo, UT 84604 ("Surface Owner").
3. Newfield and the Surface Owner have agreed upon an Easement, Right-of-Way and Surface Use Agreement dated December 30, 2011 covering the Drillsite Location and access to the Drillsite Location.

FURTHER AFFIANT SAYETH NOT.

**CONFIDENTIAL**

Shane Gillespie

ACKNOWLEDGEMENT

STATE OF COLORADO           §  
  §  
COUNTY OF DENVER         §

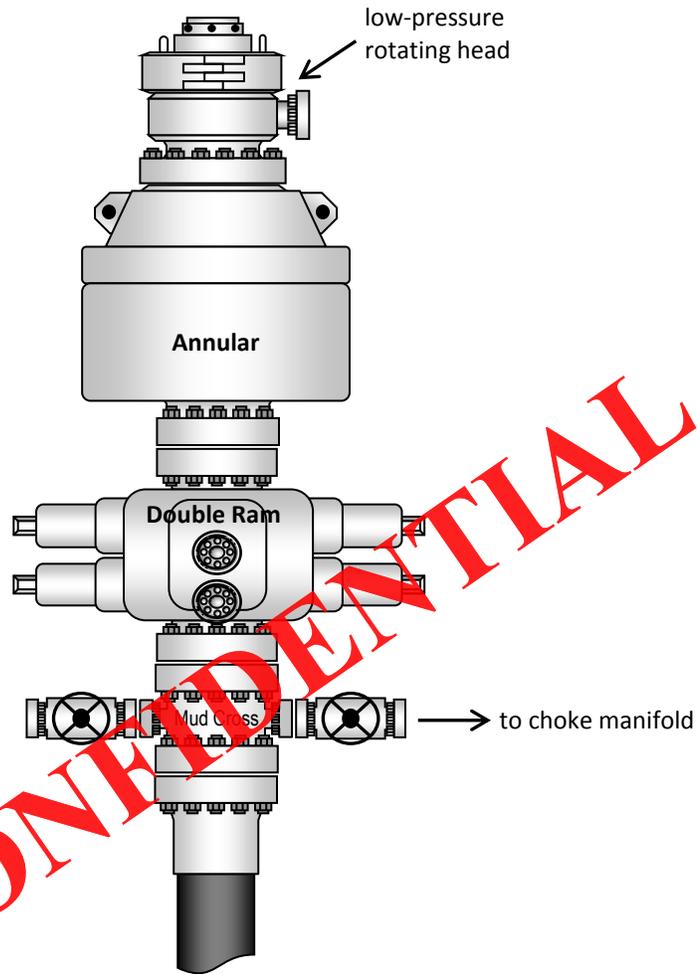
<sup>PB</sup> Before me, a Notary Public, in and for the State, on this 16<sup>th</sup> day of January, <sub>2012</sub> 2011, personally appeared Shane Gillespie, to me known to be the identical person who executed the foregoing instrument, and acknowledged to me that he executed the same as his own free and voluntary act and deed for the uses and purposes therein set forth.

Peter Burns  
NOTARY PUBLIC

My Commission Expires

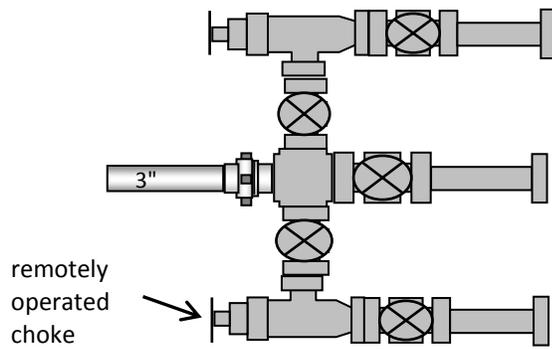
PETER BURNS  
NOTARY PUBLIC  
STATE OF COLORADO  
My Commission Expires 8/09/2015

Typical 5M BOP stack configuration



**CONFIDENTIAL**

Typical 5M choke manifold configuration





January 16, 2012

State of Utah, Division of Oil, Gas and Mining  
ATTN: Diana Mason  
P.O. Box 145801  
Salt Lake City, UT 84114-5801

RE: Directional Drilling  
Moon 13-6-4-3W

Surface Hole: T4S-R3W Section 6: SWSW (Lot 13)  
239' FWL 760' FSL

At Target: T4S-R3W Section 6: SWSW (Lot 13)  
665' FWL 760' FSL

Duchesne County, Utah

Dear Ms. Mason:

In conjunction with the filing by Newfield Production Company (NPC) of an Application for Permit to Drill the above referenced well, and in accordance with Oil and Gas Conservation Rule R649-3-11, NPC hereby submits this letter as notice of our intention to directionally drill this well.

UDOGM Board Order #139-42 requires that a well be no closer than 660' from the exterior boundary of the section. The topographic contours of the SWSW of Section 6, T4S-R3W prevent a surface location in compliance with said rule. As a result, NPC requests permission to directionally drill to a bottom hole location in compliance with Board Order #139-42.

Please be aware that NPC is the owner of greater than 80% of the leasehold interests at all points within 460' of the proposed wellbore and is actively attempting to locate the remaining unleased owners.

NPC hereby requests our application for permit to drill be granted pursuant to R649-3-11. Should you have questions or require further information, please contact the undersigned at 303-383-4197 or by email at [sgillespie@newfield.com](mailto:sgillespie@newfield.com). Your consideration in this matter is greatly appreciated.

Sincerely,  
Newfield Production Company

A handwritten signature in blue ink, appearing to read "Shane Gillespie", is written over the typed name.

Shane Gillespie  
Landman

**NEWFIELD EXPLORATION COMPANY**

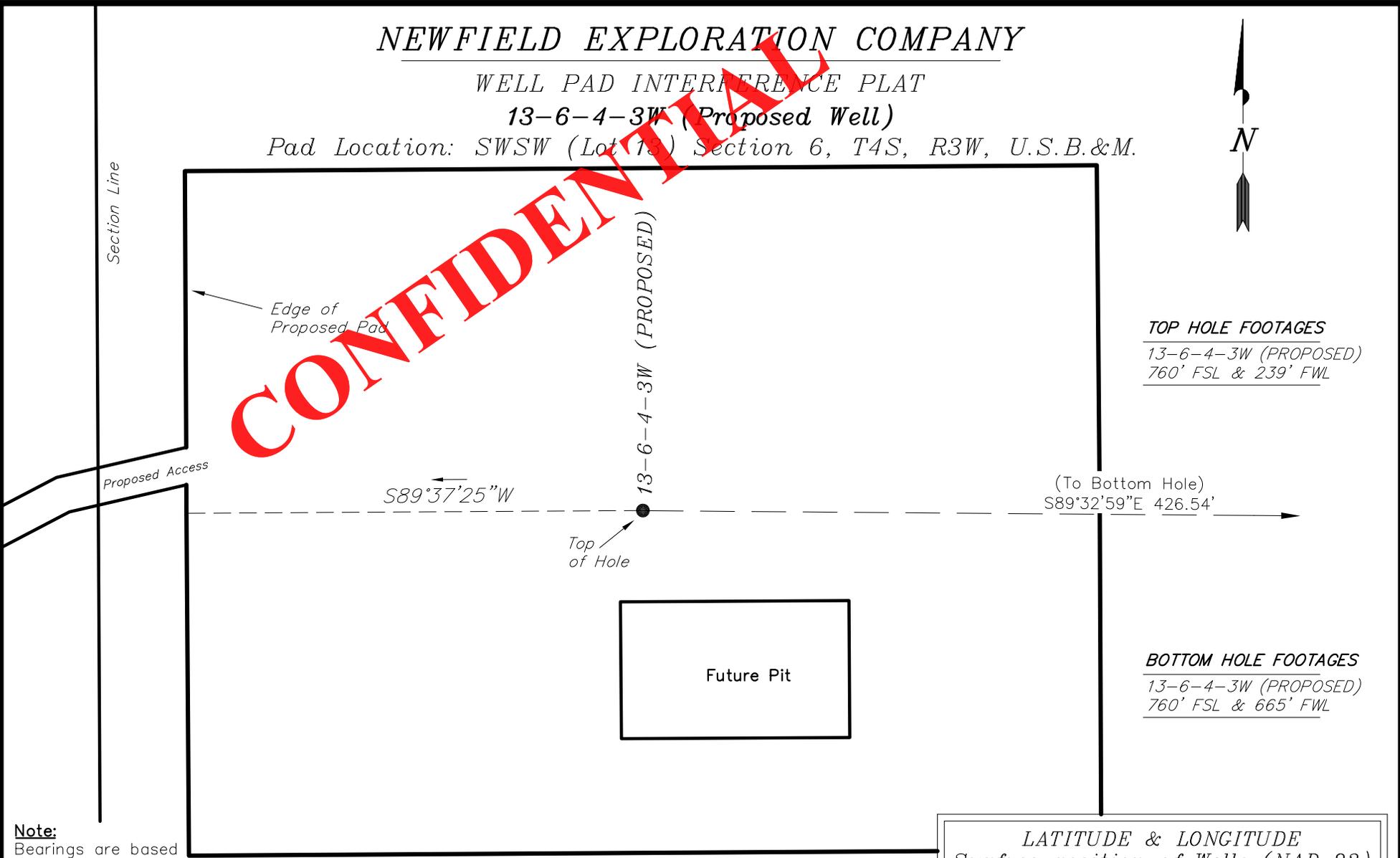
**WELL PAD INTERFERENCE PLAT**

**13-6-4-3W (Proposed Well)**

Pad Location: SWSW (Lot 18) Section 6, T4S, R3W, U.S.B.&M.



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**TOP HOLE FOOTAGES**  
 13-6-4-3W (PROPOSED)  
 760' FSL & 239' FWL

**BOTTOM HOLE FOOTAGES**  
 13-6-4-3W (PROPOSED)  
 760' FSL & 665' FWL

**Note:**  
 Bearings are based  
 on GPS Observations.

<i>RELATIVE COORDINATES</i> From Top Hole to Bottom Hole		
WELL	NORTH	EAST
13-6-4-3W	-3'	427'

<i>LATITUDE &amp; LONGITUDE</i> Surface position of Wells (NAD 83)		
WELL	LATITUDE	LONGITUDE
13-6-4-3W	40° 09' 32.47"	110° 16' 31.73"

SURVEYED BY: S.H.	DATE SURVEYED: 10-10-11	VERSION:
DRAWN BY: M.W.	DATE DRAWN: 11-06-11	V4
SCALE: 1" = 60'	REVISED: F.T.M. 12-15-11	

**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

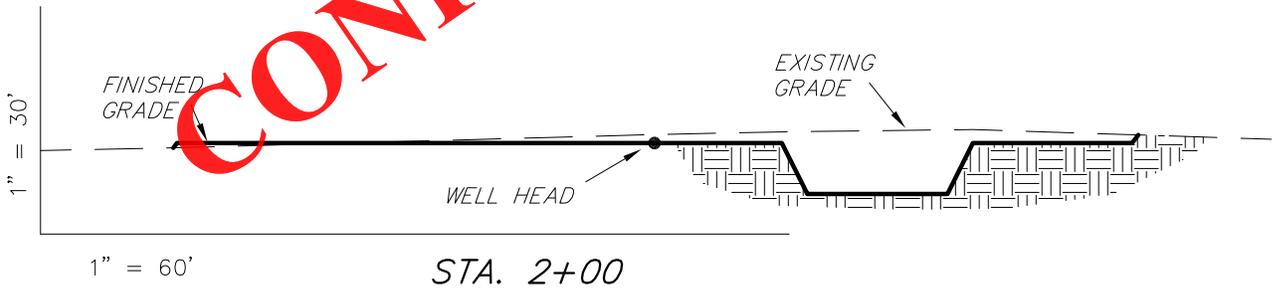
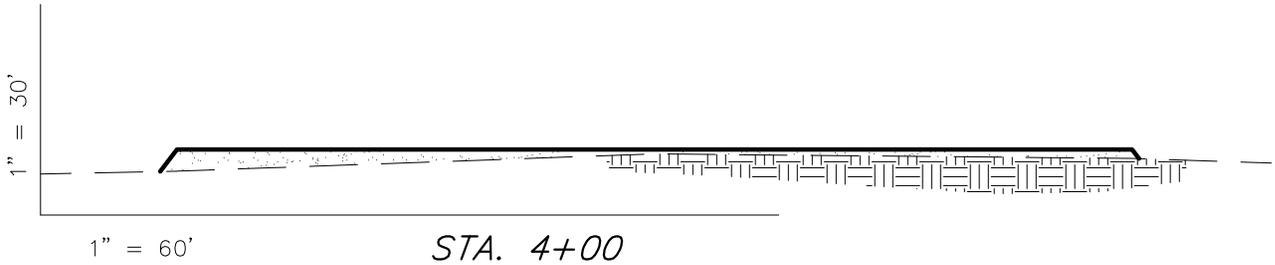


# NEWFIELD EXPLORATION COMPANY

## CROSS SECTIONS

**13-6-4-3W**

*Pad Location: SWSW (Lot 13) Section 6, T4S, R3W, U.S.B.&M.*



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NOTE:  
UNLESS OTHERWISE  
NOTED ALL CUT/FILL  
SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES (No Shrink or swell adjustments have been used) (Expressed in Cubic Yards)				
ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,180	2,180	Topsoil is not included in Pad Cut Volume	0
PIT	1,420	0		1,420
<b>TOTALS</b>	<b>3,600</b>	<b>2,180</b>	<b>2,410</b>	<b>1,420</b>

SURVEYED BY: S.H.	DATE SURVEYED: 10-10-11	VERSION: V4
DRAWN BY: R.B.T.	DATE DRAWN: 10-13-11	
SCALE: 1" = 60'	REVISED: F.T.M. 12-15-11	

(435) 781-2501  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

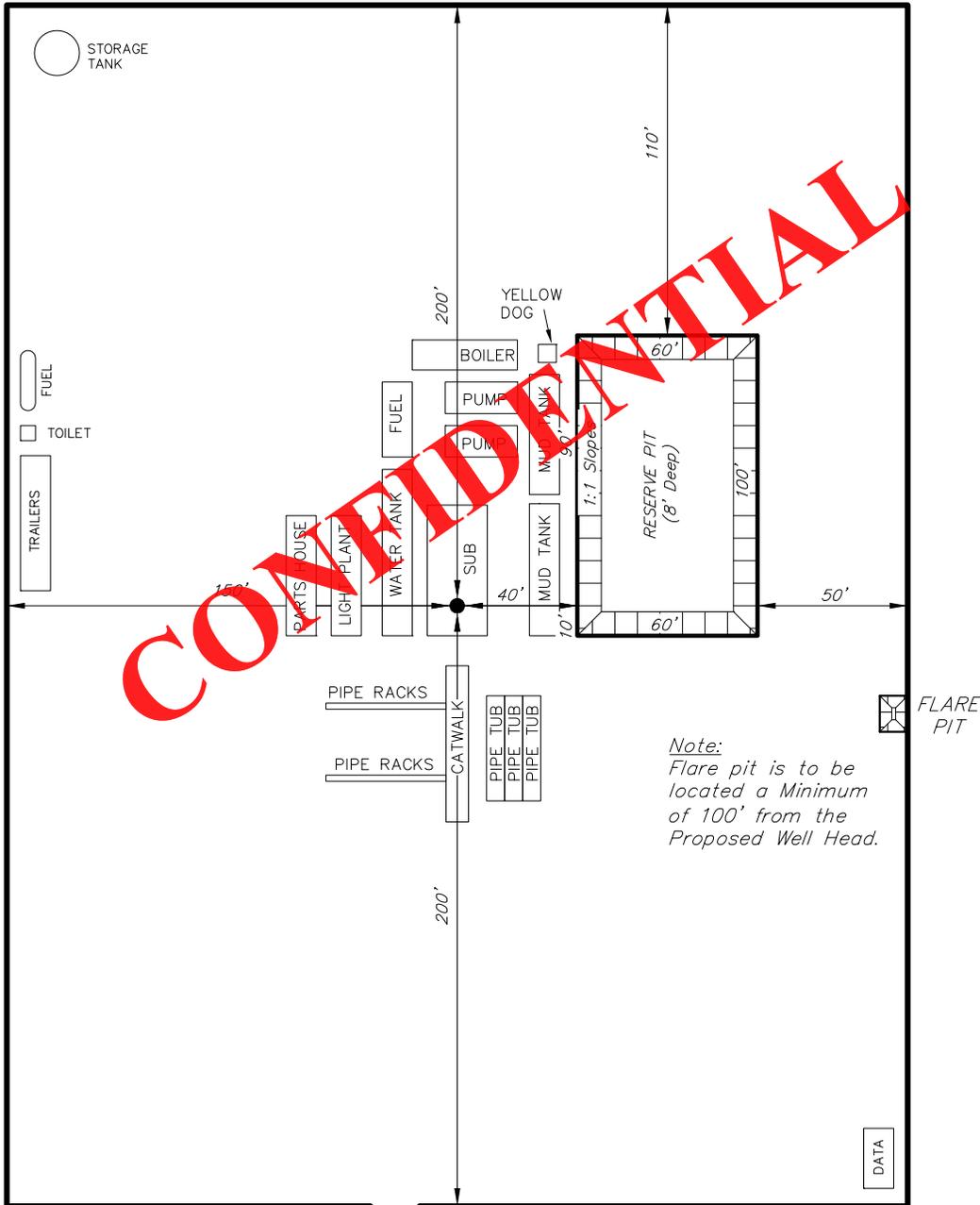
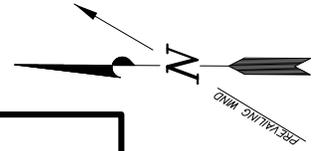
RECEIVED: January 17, 2012

# NEWFIELD EXPLORATION COMPANY

## TYPICAL RIG LAYOUT

13-6-4-3W

Pad Location: SWSW (Lot 13) Section 6, T4S, R3W, U.S.B.&M.



*Note:*  
Flare pit is to be located a Minimum of 100' from the Proposed Well Head.

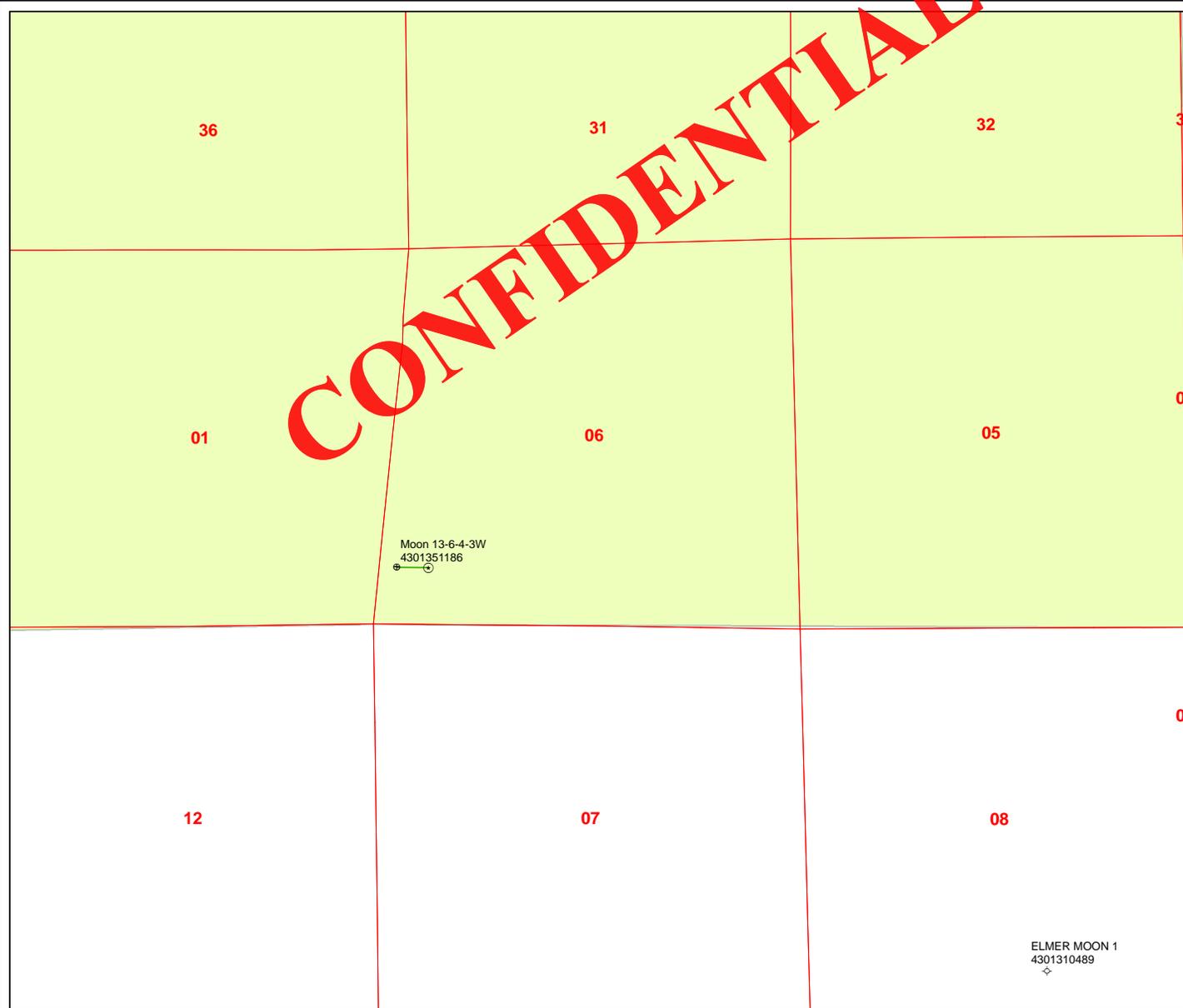
PROPOSED ACCESS ROAD  
(Max. 6% Grade)

SECTION LINE Sec. 6, T4S, R3W, U.S.B.&M. Sec. 1, T4S, R4W, U.S.B.&M.

SURVEYED BY: S.H.	DATE SURVEYED: 10-10-11	VERSION:
DRAWN BY: R.B.T.	DATE DRAWN: 10-13-11	V4
SCALE: 1" = 60'	REVISED: F.T.M. 12-15-11	

**Tri State** (435) 781-2501  
 Land Surveying, Inc.  
 180 NORTH VERNAL AVE. VERNAL, UTAH 84078

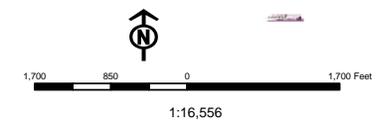
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**API Number: 4301351186**  
**Well Name: Moon 13-6-4-3W**  
**Township T0.4 . Range R0.3 . Section 06**  
**Meridian: UBM**  
 Operator: NEWFIELD PRODUCTION COMPANY

Map Prepared:  
 Map Produced by Diana Mason

Units STATUS	Wells Query Status
ACTIVE	APD - Approved Permit
EXPLORATORY	DRL - Spudded (Drilling Commenced)
GAS STORAGE	GW - Gas Injection
NF PP OIL	GS - Gas Storage
NF SECONDARY	LA - Location Abandoned
PI OIL	LOC - New Location
PP GAS	OPS - Operation Suspended
PP GEOTHERML	PA - Plugged Abandoned
PP OIL	PGW - Producing Gas Well
SECONDARY	POW - Producing Oil Well
TERMINATED	RET - Returned APD
<b>Fields STATUS</b>	SGW - Shut-in Gas Well
Unknown	SOW - Shut-in Oil Well
ABANDONED	TA - Temp. Abandoned
ACTIVE	TW - Test Well
INACTIVE	WDW - Water Disposal
COMBINED	WW - Water Injection Well
STORAGE	WSW - Water Supply Well
TERMINATED	



Well Name	NEWFIELD PRODUCTION COMPANY Moon 13-6-4-3W 43013511860000			
String	COND	SURF	PROD	
Casing Size(")	13.375	9.625	5.500	
Setting Depth (TVD)	60	2505	9523	
Previous Shoe Setting Depth (TVD)	0	60	2505	
Max Mud Weight (ppg)	8.3	8.3	10.0	
BOPE Proposed (psi)	0	500	5000	
Casing Internal Yield (psi)	1000	3520	10640	
Operators Max Anticipated Pressure (psi)	4693		9.5	

Calculations	COND String	13.375	"
Max BHP (psi)	.052*Setting Depth*MW=	26	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	19	NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	13	NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	13	NO
Required Casing/BOPE Test Pressure=		60	psi
*Max Pressure Allowed @ Previous Casing Shoe=		0	psi *Assumes 1psi/ft frac gradient

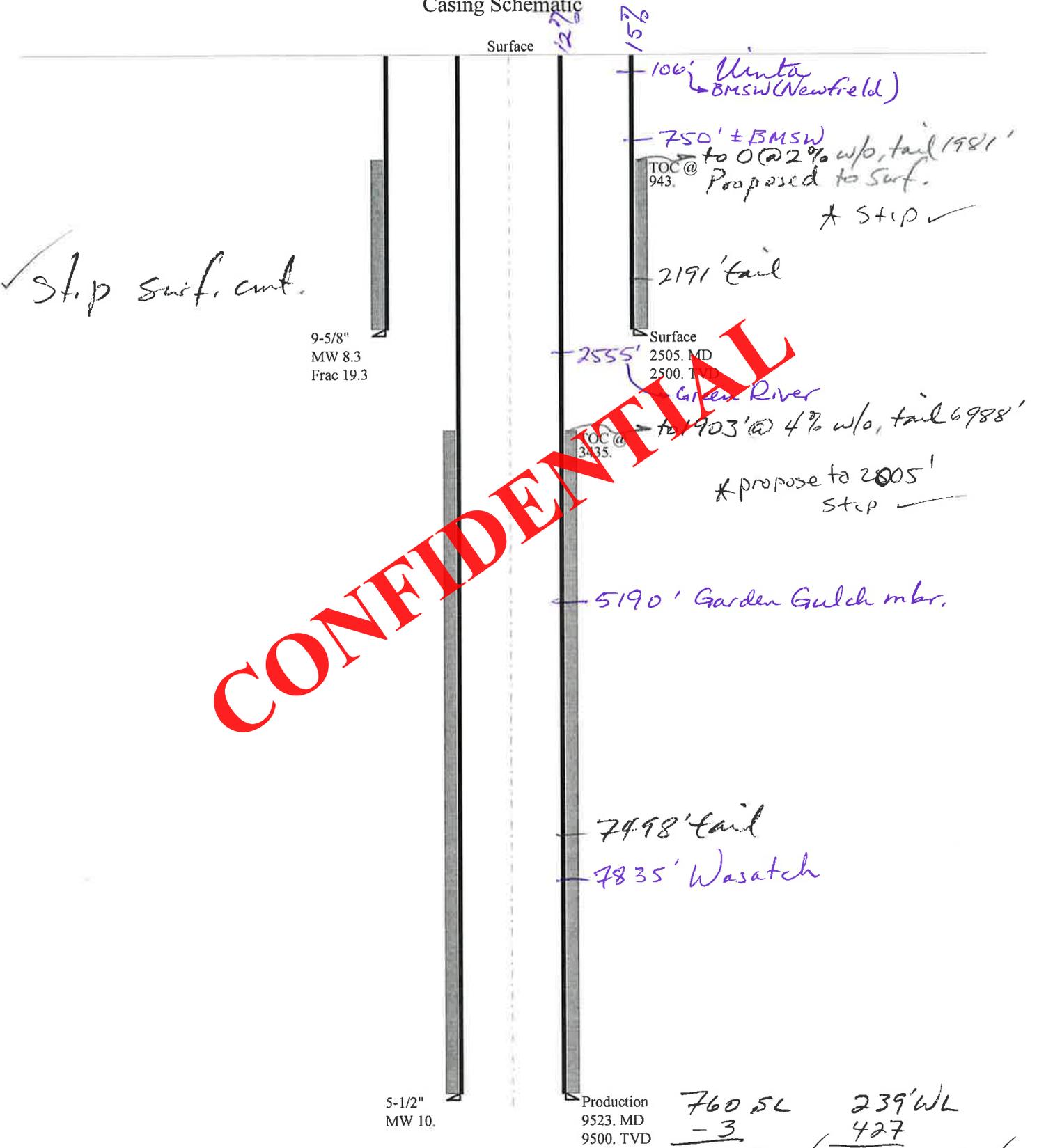
Calculations	SURF String	9.625	"
Max BHP (psi)	.052*Setting Depth*MW=	1051	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	780	NO diverter
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	530	NO Reasonable depth, no expected pressure
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	543	NO
Required Casing/BOPE Test Pressure=		2464	psi
*Max Pressure Allowed @ Previous Casing Shoe=		60	psi *Assumes 1psi/ft frac gradient

Calculations	PROD String	5.500	"
Max BHP (psi)	.052*Setting Depth*MW=	4952	
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=	3809	YES
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=	2857	YES OK
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=	3408	NO Reasonable
Required Casing/BOPE Test Pressure=		5000	psi
*Max Pressure Allowed @ Previous Casing Shoe=		2505	psi *Assumes 1psi/ft frac gradient

Calculations	String		"
Max BHP (psi)	.052*Setting Depth*MW=		
			BOPE Adequate For Drilling And Setting Casing at Depth?
MASP (Gas) (psi)	Max BHP-(0.12*Setting Depth)=		NO
MASP (Gas/Mud) (psi)	Max BHP-(0.22*Setting Depth)=		NO
			*Can Full Expected Pressure Be Held At Previous Shoe?
Pressure At Previous Shoe	Max BHP-.22*(Setting Depth - Previous Shoe Depth)=		NO
Required Casing/BOPE Test Pressure=			psi
*Max Pressure Allowed @ Previous Casing Shoe=			psi *Assumes 1psi/ft frac gradient

# 43013511860000 Moon 13-6-4-3W

## Casing Schematic



✓ Strip surf. cont.

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760 SL	239 WL
- 3	427
757 FSL ✓	666 FWL ✓ OK.

SW SW sec 6-42-3W

Well name:	<b>43013511860000 Moon 13-6-4-3W</b>	
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>	
String type:	Surface	Project ID: 43-013-51186
Location:	DUCHESNE COUNTY	

**Design parameters:**

**Collapse**

Mud weight: 8.330 ppg  
Design is based on evacuated pipe.

**Burst**

Max anticipated surface pressure: 1,950 psi  
Internal gradient: 0.220 psi/ft  
Calculated BHP: 2,500 psi  
  
No backup mud specified.

**Minimum design factors:**

**Collapse:**

Design factor: 1.125

**Burst:**

Design factor: 1.00

**Tension:**

8 Round STC: 1.80 (J)  
8 Round LTC: 1.70 (J)  
Buttress: 1.60 (J)  
Premium: 1.50 (J)  
Body yield: 1.50 (B)

Tension is based on air weight.  
Neutral point: 2,195 ft

**Environment:**

H2S considered? No  
Surface temperature: 74 °F  
Bottom hole temperature: 109 °F  
Temperature gradient: 1.40 °F/100ft  
Minimum section length: 100 ft

Cement top: 943 ft

**Directional Info - Build & Drop**

Kick off point: 1500 ft  
Departure at shoe: 98 ft  
Maximum dogleg: 3 °/100ft  
Inclination at shoe: 6.25 °

**Re subsequent strings:**

Next setting depth: 9,500 ft  
Next mud weight: 10,000 ppg  
Next setting BHP: 4,935 psi  
Fracture mud wt: 19,250 ppg  
Fracture depth: 2,500 ft  
Injection pressure: 2,500 psi

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	2505	9.625	36.00	J-55	ST&C	2500	2505	8.796	21774
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	1082	2020	1.867	2500	3520	1.41	90	394	4.38 J

Prepared by: Helen Sadik-Macdonald  
Div of Oil, Gas & Mining

Phone: 801-538-5357  
FAX: 801-359-3940

Date: March 7, 2012  
Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 2500 ft, a mud weight of 8.33 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

Well name:	<b>43013511860000 Moon 13-6-4-3W</b>		
Operator:	<b>NEWFIELD PRODUCTION COMPANY</b>		
String type:	Production	Project ID:	43-013-51186
Location:	DUCHESNE COUNTY		

**Design parameters:**

**Collapse**

Mud weight: 10.000 ppg  
 Design is based on evacuated pipe.

**Minimum design factors:**

**Collapse:**

Design factor 1.125

**Burst:**

Design factor 1.00

**Environment:**

H2S considered? No  
 Surface temperature: 74 °F  
 Bottom hole temperature: 207 °F  
 Temperature gradient: 1.40 °F/100ft  
 Minimum section length: 1,000 ft  
 Cement top: 3,435 ft

**Burst**

Max anticipated surface pressure: 2,845 psi  
 Internal gradient: 0.220 psi/ft  
 Calculated BHP 4,935 psi

No backup mud specified.

**Tension:**

8 Round STC: 1.80 (J)  
 8 Round LTC: 1.80 (J)  
 Buttress: 1.60 (J)  
 Premium: 1.50 (J)  
 Body yield: 1.60 (B)

Tension is based on air weight.  
 Neutral point: 8,082 ft

**Directional Info - Build & Drop**

Kick off point: 1500 ft  
 Departure at shoe: 427 ft  
 Maximum dogleg: 3 °/100ft  
 Inclination at shoe: 0 °

Run Seq	Segment Length (ft)	Size (in)	Nominal Weight (lbs/ft)	Grade	End Finish	True Vert Depth (ft)	Measured Depth (ft)	Drift Diameter (in)	Est. Cost (\$)
1	9523	5.5	17.00	P-110	LT&C	9500	9523	4.767	62726
Run Seq	Collapse Load (psi)	Collapse Strength (psi)	Collapse Design Factor	Burst Load (psi)	Burst Strength (psi)	Burst Design Factor	Tension Load (kips)	Tension Strength (kips)	Tension Design Factor
1	4935	7480	1.516	4935	10640	2.16	161.5	445	2.76 J

Prepared by: Helen Sadik-Macdonald  
 Div of Oil, Gas & Mining

Phone: 801 538-5357  
 FAX: 801-359-3940

Date: March 7, 2012  
 Salt Lake City, Utah

**Remarks:**

Collapse is based on a vertical depth of 9500 ft, a mud weight of 10 ppg. The casing is considered to be evacuated for collapse purposes. Collapse strength is based on the Westcott, Dunlop & Kemler method of biaxial correction for tension.

Burst strength is not adjusted for tension.

Collapse strength is (biaxially) derated for doglegs in directional wells by multiplying the tensile stress by the cross section area to calculate a

# ON-SITE PREDRILL EVALUATION

## Utah Division of Oil, Gas and Mining

**Operator** NEWFIELD PRODUCTION COMPANY  
**Well Name** Moon 13-6-4-3W  
**API Number** 43013511860000      **APD No** 5197    **Field/Unit** WILDCAT  
**Location: 1/4,1/4 SWSW Sec 6 Tw 4.0S Rng 3.0W 760 FSL 239 FWL**  
**GPS Coord (UTM) 561700 4445659**      **Surface Owner** Phillip Moon Enterprises (Clinton Moon)

### Participants

T. Eaton, F. Bird, – Newfield; C. Jensen, – DOGM; land owner was not present

### Regional/Local Setting & Topography

Location is on top of a flat bench just north of Highway 40 overlooking the bridgeland area below. It is bordered by a steep ridge to the south west and flanked by canyons; Cottonwood canyon (approx 1.25 miles west) and Antelope canyon 3 miles East. The town of Myton is 11 miles west. This site is previously undisturbed grazing habitat with suitable browse for several wild species, but poor graze. Prairie dog mounds were observed just off site along route of access road.

### Surface Use Plan

**Current Surface Use**  
Wildlfe Habitat

<b>New Road Miles</b>	<b>Well Pad Width 300 Length 400</b>	<b>Src Const Material</b>	<b>Surface Formation</b>
0.25		Onsite	UNTA

**Ancillary Facilities** N

**Waste Management Plan Adequate?** Y

### Environmental Parameters

**Affected Floodplains and/or Wetlands** N

#### **Flora / Fauna**

Dominant vegetation:

4 wing salt brush, bunch grasses and atriplex spp. surround the proposed site.

Wildlife:

Habitat contains forbs that may be suitable browse for deer, antelope and rabbits, though none were observed. Mounds for Prairie dog colonies were observed on site.

#### **Soil Type and Characteristics**

cobbly sand with some gravels

**Erosion Issues** N

#### **Sedimentation Issues** Y

transport of sediments and pollutants are possible during heavy precipitation events

**Site Stability Issues** N**Drainage Diversion Required?** N**Berm Required?** Y**Erosion Sedimentation Control Required?** N

berming will be adequate

**Paleo Survey Run?** N **Paleo Potential Observed?** N **Cultural Survey Run?** N **Cultural Resources?** N**Reserve Pit****Site-Specific Factors****Site Ranking**

<b>Distance to Groundwater (feet)</b>	100 to 200	5
<b>Distance to Surface Water (feet)</b>	>1000	0
<b>Dist. Nearest Municipal Well (ft)</b>	>5280	0
<b>Distance to Other Wells (feet)</b>	>1320	0
<b>Native Soil Type</b>	Mod permeability	10
<b>Fluid Type</b>	Fresh Water	5
<b>Drill Cuttings</b>	Normal Rock	0
<b>Annual Precipitation (inches)</b>	10 to 20	5
<b>Affected Populations</b>		
<b>Presence Nearby Utility Conduits</b>	Not Present	0
<b>Final Score</b>		25

1 Sensitivity Level

**Characteristics / Requirements**

pit to be constructed with the following dimensions 60 x 100 ' dug to a depth of 8 '

**Closed Loop Mud Required?** N **Liner Required?** Y **Liner Thickness** 16 **Pit Underlayment Required?** N**Other Observations / Comments**Chris Jensen  
Evaluator2/2/2012  
Date / Time

# Application for Permit to Drill Statement of Basis

## Utah Division of Oil, Gas and Mining

5/22/2012

APD No	API WellNo	Status	Well Type	Surf Owner	CBM
5197	43013511860000	LOCKED	OW	P	No
<b>Operator</b>	NEWFIELD PRODUCTION COMPANY		<b>Surface Owner-APD</b>	Phillip Moon Enterprises (Clinton Moon)	
<b>Well Name</b>	Moon 13-6-4-3W		<b>Unit</b>		
<b>Field</b>	WILDCAT		<b>Type of Work</b>	DRILL	
<b>Location</b>	SWSW 6 4S 3W U 760 FSL (UTM) 561716E 4445649N		239 FWL GPS Coord		

### Geologic Statement of Basis

Newfield proposes to set 60' of conductor and 2,505' of surface casing at this location. The base of the moderately saline water at this location is estimated to be at a depth of 750'. Air and or fresh water will be used to drill the entire surface hole. A search of Division of Water Rights records shows 10 water wells within a 10,000 foot radius of the center of Section 6. Depth is listed as ranging from 27 to 400 feet. Depths are not listed for 1 well. Water use is listed as irrigation, stock watering and domestic use. The nearest well is approximately 1/4 mile from the proposed location. This well is listed as 43 feet in depth. The surface formation at this site is the Uinta Formation. Wells in this area likely produce water from either the Uinta Formation or from near-surface alluvium. The Uinta Formation is made up of interbedded shales and sandstones. The sandstones are mostly lenticular and discontinuous and should not be a significant source of useable ground water. The surface casing cement should be brought back to ground surface.

Brad Hill  
APD Evaluator

2/8/2012  
Date / Time

### Surface Statement of Basis

Operator has surface agreement in place with the landowner. Location is proposed in the best possible position within the spacing window. The soil type and topography at present do not combine to pose a significant threat to erosion or sediment/ pollution transport in these regional climate conditions. Construction standards of the Operator appear to be adequate for the proposed purpose. I recognize no special flora or animal species or cultural resources on site that the proposed action may harm. The landowner was invited and was not in attendance for the pre-site inspection. The location should be bermed to prevent spills from leaving the confines of the pad. Fencing around the reserve pit will be necessary once the well is drilled to prevent wildlife and livestock from entering. A synthetic liner of 16 mils (minimum) should be utilized in the reserve pit.

Chris Jensen  
Onsite Evaluator

2/2/2012  
Date / Time

### Conditions of Approval / Application for Permit to Drill

Category	Condition
----------	-----------

Pits	A synthetic liner with a minimum thickness of 16 mils shall be properly installed and maintained in the reserve pit.
Surface	The reserve pit shall be fenced upon completion of drilling operations.
Surface	The well site shall be bermed to prevent fluids from leaving the pad.

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## WORKSHEET APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 1/17/2012

API NO. ASSIGNED: 43013511860000

WELL NAME: Moon 13-6-4-3W

OPERATOR: NEWFIELD PRODUCTION COMPANY (N2695)

PHONE NUMBER: 435 719-2018

CONTACT: Don Hamilton

PROPOSED LOCATION: SWSW 06 040S 030W

Permit Tech Review: 

SURFACE: 0760 FSL 0239 FWL

Engineering Review: 

BOTTOM: 0760 FSL 0665 FWL

Geology Review: 

COUNTY: DUCHESNE

LATITUDE: 40.15893

LONGITUDE: -110.27532

UTM SURF EASTINGS: 561716.00

NORTHINGS: 4445649.00

FIELD NAME: WILDCAT

LEASE TYPE: 4 - Fee

LEASE NUMBER: Patented

PROPOSED PRODUCING FORMATION(S): WASATCH

SURFACE OWNER: 4 - Fee

COALBED METHANE: NO

## RECEIVED AND/OR REVIEWED:

- PLAT
- Bond: STATE - B001834
- Potash
- Oil Shale 190-5
- Oil Shale 190-3
- Oil Shale 190-13
- Water Permit: 437478
- RDCC Review:
- Fee Surface Agreement
- Intent to Commingle

Commingle Approved

## LOCATION AND SITING:

- R649-2-3.
- Unit:
- R649-3-2. General
- R649-3-3. Exception
- Drilling Unit
- Board Cause No: Cause 139-42
- Effective Date: 4/12/1985
- Siting: 660' Fr Ext U Bdry & 1320' Fr Other Wells
- R649-3-11. Directional Drill

Comments: Presite Completed

Stipulations: 1 - Exception Location - bhill  
 5 - Statement of Basis - bhill  
 12 - Cement Volume (3) - hmacdonald  
 15 - Directional - dmason  
 25 - Surface Casing - hmacdonald  
 27 - Other - bhill



GARY R. HERBERT  
*Governor*

GREGORY S. BELL  
*Lieutenant Governor*

# State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER  
*Executive Director*

Division of Oil, Gas and Mining

JOHN R. BAZA  
*Division Director*

## Permit To Drill

\*\*\*\*\*

**Well Name:** Moon 13-6-4-3W  
**API Well Number:** 43013511860000  
**Lease Number:** Patented  
**Surface Owner:** FEE (PRIVATE)  
**Approval Date:** 5/22/2012

### Issued to:

NEWFIELD PRODUCTION COMPANY , Rt 3 Box 3630 , Myton, UT 84052

### Authority:

Pursuant to Utah Code Ann. 40-6-1 et seq., and Utah Administrative Code R649-3-1 et seq., the Utah Division of Oil, Gas and Mining issues conditions of approval, and permit to drill the listed well. This permit is issued in accordance with the requirements of Cause 139-42. The expected producing formation or pool is the WASATCH Formation(s), completion into any other zones will require filing a Sundry Notice (Form 9). Completion and commingling of more than one pool will require approval in accordance with R649-3-22.

### Duration:

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date

### Exception Location:

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

### General:

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### Conditions of Approval:

In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.

Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis (copy attached).

Cement volume for the 5 1/2 production string shall be determined from actual hole diameter in order to place cement from the pipe setting depth back to 2005' MD as indicated in the submitted drilling plan.

Surface casing shall be cemented to the surface.

This well shall not be completed above the Lower Green River zone without prior approval by the Division.

**Additional Approvals:**

The operator is required to obtain approval from the Division of Oil, Gas and mining before performing any of the following actions during the drilling of this well:

- Any changes to the approved drilling plan - contact Dustin Doucet
- Significant plug back of the well - contact Dustin Doucet
- Plug and abandonment of the well - contact Dustin Doucet

**Notification Requirements:**

The operator is required to notify the Division of Oil, Gas and Mining of the following actions during drilling of this well:

- Within 24 hours following the spudding of the well - contact Carol Daniels  
OR  
submit an electronic sundry notice (pre-registration required) via the Utah Oil & Gas website  
at <http://oilgas.ogm.utah.gov>
- 24 hours prior to testing blowout prevention equipment - contact Dan Jarvis
- 24 hours prior to cementing or testing casing - contact Dan Jarvis
- Within 24 hours of making any emergency changes to the approved drilling program  
- contact Dustin Doucet
- 24 hours prior to commencing operations to plug and abandon the well - contact Dan Jarvis

**Contact Information:**

The following are Division of Oil, Gas and Mining contacts and their telephone numbers (please leave a voicemail message if the person is not available to take the call):

- Carol Daniels 801-538-5284 - office
- Dustin Doucet 801-538-5281 - office  
801-733-0983 - after office hours
- Dan Jarvis 801-538-5338 - office  
801-231-8956 - after office hours

**Reporting Requirements:**

All reports, forms and submittals as required by the Utah Oil and Gas Conservation General Rules will be promptly filed with the Division of Oil, Gas and Mining, including but not limited to:

- Entity Action Form (Form 6) - due within 5 days of spudding the well
- Monthly Status Report (Form 9) - due by 5th day of the following calendar month
- Requests to Change Plans (Form 9) - due prior to implementation
- Written Notice of Emergency Changes (Form 9) - due within 5 days
- Notice of Operations Suspension or Resumption (Form 9) - due prior to implementation
- Report of Water Encountered (Form 7) - due within 30 days after completion
- Well Completion Report (Form 8) - due within 30 days after completion or

plugging

**Approved By:**

A handwritten signature in black ink, appearing to read "J. Rogers", written in a cursive style.

For John Rogers  
Associate Director, Oil & Gas

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BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig Name/# Ross 26 Submitted By  
Branden Arnold Phone Number 435-401-0223  
Well Name/Number Moon 13-6-4-3W  
Qtr/Qtr SW/SW Section 6 Township 4S Range 3W  
Lease Serial Number Patented  
API Number 43-013-51186

Spud Notice – Spud is the initial spudding of the well, not drilling  
out below a casing string.

Date/Time 6/19/12 9:00 AM  PM

Casing – Please report time casing run starts, not cementing  
times.

- Surface Casing
- Intermediate Casing
- Production Casing
- Liner
- Other

Date/Time 6/19/12 5:00 AM  PM

BOPE

- Initial BOPE test at surface casing point
- BOPE test at intermediate casing point
- 30 day BOPE test
- Other

Date/Time \_\_\_\_\_ AM  PM

Remarks \_\_\_\_\_

---

STATE OF UTAH  
 DIVISION OF OIL, GAS AND MINING  
 ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY  
 ADDRESS: RT. 3 BOX 3830  
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION					SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG	COUNTY		
A	99999	18613	4301351186	MOON 13-6-4-3W	SWSW	6	4S	3W	DUCHESNE	7/2/2012	7-18-12
WELL 1 COMMENTS: WSTC BHL: SWSW <span style="float: right;">Confidential</span>											
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE
ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	QQ	SC	TP	RG	COUNTY	SPUD DATE	EFFECTIVE DATE

- ACTION CODES (See instructions on back of form)
- A - 1 new entity for new well (single well only)
  - B - 1 well to existing entity (group or unit well)
  - C - from one existing entity to another existing entity
  - D - well from one existing entity to a new entity
  - E - ther (explain in comments section)

RECEIVED

JUL 11 2012

  
 Signature

Tabitha Timothy

Production Clerk

07/09/12

NOTE: Use COMMENT section to explain why each Action Code was selected.

Div. of Oil, Gas & Mining



# Casing / Liner Detail

**Well** Moon 13-6-4-3W  
**Prospect** Central Basin  
**Foreman**  
**Run Date:**  
**String Type** Surface, 9.625", 36#, J-55, LTC (Generic)

## - Detail From Top To Bottom -

Depth	Length	JTS	Description	OD	ID
2,566.09			KB 18'		
2,564.67	1.42		Wellhead		
2,566.09	-2.00	-1	Cutt Off	9.625	
18.00	2504.13	57	9 5/8 Casing	9.625	
2,522.13	1.60	1	Float	9.625	
2,523.73	39.00	1	Shoe Jiont	9.625	
2,562.73	1.94	1	Guide Shoe	9.625	
2,564.67					

### Cement Detail

<b>Cement Company:</b> BJ					
Slurry	# of Sacks	Weight (ppg)	Yield	Volume (ft <sup>3</sup> )	Description - Slurry Class and Additives
Slurry 2	200	15.8	1.17	234	Class G+2%kcl+.25#CF
Slurry 1	430	12.5	1.97	847.1	Premium Lite II
Stab-In-Job?	No				
BHT:	0				
Initial Circulation Pressure:					
Initial Circulation Rate:					
Final Circulation Pressure:					
Final Circulation Rate:					
Displacement Fluid:	Water				
Displacement Rate:					
Displacement Volume:	193.6				
Mud Returns:					
Centralizer Type And Placement:	Middle of first, top of second and third for a total of three.				
Cement To Surface?	Yes				
Est. Top of Cement:	0				
Plugs Bumped?	Yes				
Pressure Plugs Bumped:	1200				
Floats Holding?	Yes				
Casing Stuck On / Off Bottom?	No				
Casing Reciprocated?	No				
Casing Rotated?	No				
CIP:	4:46				
Casing Wt Prior To Cement:					
Casing Weight Set On Slips:					

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
1. TYPE OF WELL Oil Well		7. UNIT or CA AGREEMENT NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		8. WELL NAME and NUMBER: MOON 13-6-4-3W
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		9. API NUMBER: 43013511860000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: WILDCAT
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 0239 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 06 Township: 04.0S Range: 03.0W Meridian: U		COUNTY: DUCHESNE
		STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE  <input type="checkbox"/> CHANGE TO PREVIOUS PLANS  <input type="checkbox"/> CHANGE WELL STATUS  <input type="checkbox"/> DEEPEN  <input type="checkbox"/> OPERATOR CHANGE  <input checked="" type="checkbox"/> PRODUCTION START OR RESUME  <input type="checkbox"/> REPERFORATE CURRENT FORMATION  <input type="checkbox"/> TUBING REPAIR  <input type="checkbox"/> WATER SHUTOFF  <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING  <input type="checkbox"/> CHANGE TUBING  <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS  <input type="checkbox"/> FRACTURE TREAT  <input type="checkbox"/> PLUG AND ABANDON  <input type="checkbox"/> RECLAMATION OF WELL SITE  <input type="checkbox"/> SIDETRACK TO REPAIR WELL  <input type="checkbox"/> VENT OR FLARE  <input type="checkbox"/> SI TA STATUS EXTENSION  <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR  <input type="checkbox"/> CHANGE WELL NAME  <input type="checkbox"/> CONVERT WELL TYPE  <input type="checkbox"/> NEW CONSTRUCTION  <input type="checkbox"/> PLUG BACK  <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION  <input type="checkbox"/> TEMPORARY ABANDON  <input type="checkbox"/> WATER DISPOSAL  <input type="checkbox"/> APD EXTENSION  OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion:			
<input type="checkbox"/> SPUD REPORT Date of Spud:			
<input checked="" type="checkbox"/> DRILLING REPORT Report Date: 11/15/2012			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above well was placed on production on 09/17/2012 at 19:30 hours, in "flowing" status. The well was placed on pump on 11/15/2012 at 15:00 hours.

**Accepted by the**  
**Utah Division of**  
**Oil, Gas and Mining**  
**FOR RECORD ONLY**  
 November 30, 2012

NAME (PLEASE PRINT) Jennifer Peatross	PHONE NUMBER 435 646-4885	TITLE Production Technician
SIGNATURE N/A	DATE 11/28/2012	

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**CONFIDENTIAL**  
FORM APPROVED  
OMB NO. 1004-0371  
Expires: July 31, 2010

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion:  New Well  Work Over  Deepen  Plug Back  Diff. Resrv.,  
 Other: \_\_\_\_\_

2. Name of Operator  
**NEWFIELD EXPLORATION COMPANY**

3. Address  
1401 17TH ST. SUITE 1000 DENVER, CO 80202

3a. Phone No. (include area code)  
(435) 646-3721

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 760' FSL & 239' FWL (SW/SW) SEC. 6, T4S, R3W

At top prod. interval reported below

At total depth

14. Date Spudded  
07/02/2012

15. Date T.D. Reached  
08/27/2012

16. Date Completed 09/17/2012  
 D & A  Ready to Prod.

5. Lease Serial No.  
FEE

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.  
Moon 13-6-4-3W

9. AFI Well No.  
43-013-51186

10. Field and Pool or Exploratory  
WILDCAT

11. Sec., T., R., M., on Block and  
Survey or Area SEC. 6, T4S, R3W

12. County or Parish  
DUCHESNE

13. State  
UT

17. Elevations (DF, RKB, RT, GL)\*  
5538' GL 5556' KB

18. Total Depth: MD 9435'  
TVD

19. Plug Back T.D.: MD 9337'  
TVD

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND

22. Was well cored?  No  Yes (Submit analysis)  
Was DST run?  No  Yes (Submit report)  
Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	9-5/8" J-55	36#	0	2564'		430 PRMLITE II 200 CLASS "G"		574'	
7-7/8"	5-1/2" P-110	17#	0	9524'		770 VERSCEM 1095 BONDCEM			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	EOT@ 5952'							

25. Producing Intervals

Formation	Top	Bottom	Perforation Interval	Size	No. Holes	Perf. Status
A) Green River	6004' MD	7550' MD	6004-9015' MD	.34"	153	
B) Wasatch	7975' MD	9015' MD				
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
6004-9015'	Frac w/ 711911#s 20/40 white sand and 85370#s CRC; 7907 bbls of Slickwater/Lightning 17 Hybrid fluid; 5 stages.

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/18/12	9/28/12	24	→	226	128	340			FLOWING
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

RECEIVED

FEB 15 2013

DIV OF OIL, GAS & MINING

\*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

SOLD AND USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH DOUGLAS CREEK	5286' 6423'
				BI-CARBONATE B LIMESTONE	6731' 8872'
				LBLKSH CASTLE PEAK	7266' 7400'
				BASAL CARBONATE WASATCH	7792' 7946'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
 Other: Daily Completion Report

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Jennifer Peatross Title Production Technician  
 Signature *J Peatross* Date 10/02/2012

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

## Daily Activity Report

**Format For Sundry**

**MOON 13-6-4-3W**

**6/1/2012 To 10/30/2012**

**8/29/2012 Day: 1**

**Completion**

Rigless on 8/29/2012 - Install Cameron's 10.5" X 7" 10K Well head, FMC's frac stack and tested same, All tested were recorded and in well file. - 5.5" SICP 0 Psi, well dead. Dress up location around well head with Hammer's backhoe, fill in mouse and rat hole, vacume cellar of water and drilling mud. Fill cellar with dirt. MIRU Cameron and install 10.5" 10K X 7" 10k well head. Install hanger and double backpressure valves and test well head to 9,800 Psi. Tested good. MIRU FMC's Frac stack as follows: 7" 10K HCR valve, 7" 10K manual frac valve, 7" 10K flowcross with double wing valves on both sides, 7" 10K manual frack valve. Night cap, Function test HCR one cycle. Good, Test frac stack to 9,500 Psi. Tested good. Release personnel from location, well shut in with 0 Psi. 2 anchors set on location (both on pit side). Manlift ordered for Friday morning Aug 31, 2012. 4G's set up to torque 7" 10K X 7"5K spool for log line.

**Daily Cost:** \$0

**Cumulative Cost:** \$25,700

**8/31/2012 Day: 2**

**Completion**

Rigless on 8/31/2012 - Rig Up Run CBL and perform DFIT - - Spot in WL trk and pressure tester. JSA and safety meeting. Remove night cap from frac tree. RU WL trk, crane, WL BOP, and lubricator. PU 2.75" od X .04" long GR probe, 2.75" OD x 1.46" long CCL probe, 1.69" OD x 2.75" long 3 spring centralizer, 2.75" x 8.75" long CBL probe, and 2.75" OD x ` long spring centralizer. RIH. Run Cement bond log, Gamma Ray log, and Collar Locator log from PBTB to surface. Correlate logs to Weatherford Open Hole log dated 8/25/12. Logger PBTB 9344, Driller PBTB 9455". TOC at 574". LD logging tools and rehead WL. Spot in and RU Halliburton. JSA and safety meeting. Pressure test lines to 10K, OK. Pressure test csg to 8051 psig for 30 minutes, leaked off to 7953 psig, OK. RU WL lubricator. PU 3 1/8" perf gun. Test lubricator to 4500 psig for 5 minutes, no leak off. RIH. Shoot 6 holes from 8760" to 8762". POH. LD perf gun. RD lubricator and WL trk. Install night cap. RD crane. Install data traps for DFIT. Pump 25 bbl 2% KCl water at 5 bpm and 4500 psi. No break evident. Pumped 35 bbl ttl water. ISIP 3718 psig. 5 min SIP 3491 psig. 10 minute SIP 3466 psig. 15 min SIP 3450 psig. 30 min SIP 3412 psig. SWI. Left on DFIT.

**Daily Cost:** \$0

**Cumulative Cost:** \$25,700

**9/12/2012 Day: 3**

**Completion**

Rigless on 9/12/2012 - Spot baker Hughes sand kings, T-belt, rock water flowback equipment, set up light plants. - Spot Baker Hughes sand kings, T-Belt. Set Light plants, check water in frac tanks, spot rock water flowback equipment.

**Daily Cost:** \$0

**Cumulative Cost:** \$62,722

**9/13/2012 Day: 4**

**Completion**

Rigless on 9/13/2012 - test flowback iron, MIRU Frac equipment, spot wireline truck. - Rock Water Flowback finish RU flow iron. RU Weatherfords test pump and shell test lines 250 low x 5

mins,10,000 high x 10 mins.1315 Hrs Remove DFIT gauges from well head and hook up flowback iron and finish shell test.spot wireline equipment,baker Hughes Frac equipment,haul in sand SDFN.

**Daily Cost:** \$0

**Cumulative Cost:** \$67,677

**9/14/2012 Day: 5**

**Completion**

Rigless on 9/14/2012 - RU WL and Frac Crew Perf Zone 1,2,3,4 Frac Stage 1,2,3, - Start Zone 1 Stage pumped as per Designed Break at 3,902 psi @ 3-43 BPM-Start Acid - SD ISIP 3,600 FG .86 -1 Minute 3,555 psi- 4 Minute 3,531 psi Pad @ 48.3 -60 BPM @ 6,750 -5,130 psi. ¿Sand 142488 20/40 .5# to 5 # tail in with 14730 CRC- Fluid Hybrid Frac w/Slick water & 17# Gel -Total Fluid Ran 2943 BBL- ISIP 3,729 FG.87 -5min 3,547 - 10 min 3,512- 15 min 3,497 - RIH Guns ,Halliburton 5 ½ Obsidian Bridge plug- Correlate to open hole log , Set plug at 8710 LT 1300- 1000 350 Ft/Min 20 sec set- pull up perf stage 2 (8525 to 8400)¿POOH with guns/ all shots fired. - Baker down for 30 Minutes working On seats and Valves on pump trucks - - Start Zone 2 Stage pumped as per Designed WH 3361-Break 3,470 psi @ 4.4 -42 BPM Start Acid - SD ISIP 3,350 FG .856 - 1 Min 3,333 - 4 Min 3,217 Pad @ 51 -60 BPM @ 6,330 -4,850 psi. ¿Sand 127858 20/40 .5# to 5 # tail in with 19435 CRC Fluid Hybrid Frac w/Slick water & 17# Gel -Total Fluid Ran 2857 BBL- ISIP 3,396 FG.85 -5min 3,218 - 10 min 3,191- 15 min 3,174 ----16:05 - Turn well over to Wire Line to set plug and Perf for Stage 3 - RIH Guns ,Halliburton 5 ½ Obsidian Bridge plug- Correlate to open hole log , Set plug at 8340 LT 1300- 1000 350 Ft/Min 10 sec set- pull up perf stage 3 (7975 to 8122)¿POOH with guns/ all shots fired. - Start Zone 3 Stage pumped as per Designed - Adjust Rate high psi on Slick water WH 3010 Psi Break 4,864 psi @ 4.3 - 40BPM Start Acid - SD ISIP 2,908 FG .81 - 1 Min 2,897- 4 Min 2,915 Pad @ 51-40-58 BPM @ 6,750 -7798-5,090 psi. ¿Sand 153880 20/40 .5# to 5 # tail in with 17470 CRC - Fluid Hybrid Frac w/Slick water & 17# Gel -Total Fluid Ran 3165 BBL- ISIP 3,128 FG.84 -5min 2,935 - 10 min 2,905- 15 min 2,892 --19:10- Turn well over to Wire Line to set plug and Perf for Stage 4 - RIH Guns ,Halliburton 5 ½ Obsidian Bridge plug- Correlate to open hole log , Set plug at 7900 LT 1280- 1020 350 Ft/Min 12 sec set- pull up perf stage 4 (7484 to 7550)¿POOH with guns/ all shots fired. - Secure Well Head and Location - SDFN - Baker travel 10 hrs. off ready to pump 10 am in morning - Hold 2nd PJSM with Baker-Rock water ¿Perforators- all personnel on location 36 People - Rig up Baker lines to well - WL RIH 350 Ft/Min and perf Zone 1 (9015¿-8786¿) LT 1300 - 8:30 POOH All shot WH 2300 psi ¿ DFIT perfs in Well (8760¿-8762¿) ¿ RU WL to shoot additional perfs - Rig up WL Psi test 5 K for 5 Min Good Test ¿ Continue Rigging up Baker Frac Crew - On Location Hold safety Meeting, Review procedure, perform JSA and conduct safety meeting. Discuss PPE, FRC, Smoking area, Line of fire, 3 point Contact. Pinch crush points, slips trips & falls Muster points, Housekeeping, suspended loads. Tag Lines, communications Backing procedures and Spotters, Pressure Concerns, Environmental concerns, Wind Direction, Incident Reporting, Stop Job authority, Potential H2S - Pressure Baker Iron test 250 low 5 min 9,000 ¿ 9,500 psi high 10 min Tested good

**Daily Cost:** \$0

**Cumulative Cost:** \$170,740

**9/15/2012 Day: 6**

**Completion**

Rigless on 9/15/2012 - Frac remaining Stages4,5,6, on Well and Rig down Baker and Wire line - RIH, Halliburton 5 ½ CIBP, Set plug at 5954 POOH 0 Psi on well Watch pressure for 30 minutes¿. - On Location Hold safety Meeting, Review procedure, perform JSA and conduct safety meeting. Discuss PPE, FRC, Smoking area, Line of fire, 3 point Contact. Pinch crush points, slips trips & falls Muster points, Housekeeping, suspended loads. Tag Lines, communications Backing procedures and Spotters, Pressure Concerns, Environmental concerns, Wind Direction, Incident Reporting, Stop Job authority, Potential H2S - Hold 2nd

PJSM with Baker-Rock water & Perforators- all personnel on location 34 People Unload Water and Pipe on location 9800 Ft 2 7/8 tubing for DO - Pressure test iron - Shut down fix 2 leaks - 30 min down time - Start Zone 4 Stage pumped as per Designed WH 2652 psi Break at 3,071 @ 4.4-40 BPM Start Acid - SD ISIP 2,313 FG .74 & No 5 min - 09:53 Start Pad @ 40 BPM @ 4,800 -3,070 psi. & Sand 197869 20/40 .5# to 5 # tail in with 22850 CRC - Fluid Hybrid Frac w/Slick water & 17# Gel -Total Fluid Ran 3891 BBL- ISIP 2,523 FG.79 -5min 2,317 -10 min 2,195- 15 min 2,161 - 11:45 Turn well over to Wire Line to set plug and Perf for Stage 5 - RIH Guns ,Halliburton 5 1/2 Obsidian Bridge plug- Correlate to open hole log , Set plug at 7434 LT 1200- 980 350 Ft/Min 20 sec set- pull up perf stage 5 (6479 to 6570)&POOH with guns/ all shots fired.--13:05- Turn well over to Baker & Getting ready to Psi test Well Head Flange 9,500 psi for stage 5 - Start Zone 5 Stage pumped as per Designed WH 2013 Break at 4,174 psi @ 4 BPM Start Acid - SD ISIP 1,518 FG .69 & No ISP pressure increase Pad @ 40 BPM @ 4,230 - 2,590 psi. & Sand 89816 20/40 .5# to 5 # tail in with 10885 CRC- Fluid Hybrid Frac w/Slick water & 17# Gel -Total Fluid Ran 2077 BBL- ISIP 1,833 FG.73 -5min 1,648 -10 min 1,571- 15 min 1,523 --14:45 - Turn well over to Wire Line to set plug and Perf for Stage 6 - RIH Guns ,Halliburton 5 1/2 Obsidian Bridge plug- Correlate to open hole log , Set plug at 6420 LT 1200 - 970 , 350 Ft/Min 20 sec set- pull up perf stage 6 (6004 to 6181)&POOH with guns/ all shots fired. - Start Zone 6 Stage pumped 63 % Sand Short 65K 20/40 White WH 1291 Break at 1,386 psi @ 3 BPM Start Acid - SD ISIP 1,654 FG .72 - 1 Min 1,622- 4 Min 1,556 Pad @ 60 BPM @ 4,920 -3,930 psi. & Sand 94339 20/40 .5# to 4 # -Short 65K white sand did not get 5# 20/40 were able to tail in with 5# 14970 CRC-Fluid Hybrid Frac w/Slick water & 17# Gel - Total Fluid Ran 2846 BBL- ISIP 1,879 FG.76 -5min 1,722 -10 min 1,657- 15 min 1,617 & RD lines off well - 17:40- Turn well over to Wire Line to set Kill plug - WL out of Hole Kill plug set watch 30 min No pressure Good Test - Secure well head and location SWIFN

**Daily Cost:** \$0

**Cumulative Cost:** \$683,678

**9/16/2012 Day: 7**

**Completion**

Nabors #1406 on 9/16/2012 - RD 10K Stack NU 5K BOP Stack -Psi test and torque - RU Nabors rig and RIH to DO Kill Plug and Frac Plugs. - Cannot get down with TTS Mill & OD 4.750 & Drift on casing is 4.767"---Were able to get in hole with 4.750 Chomp bit & checked TTS bit again and found OD 4.78 on part of mill -Sent TTS 4.750 Bit to vernal to run gauge ring ,TTS does not have a gauge ring on Location. - RIH with TTS BHA - Mill 4.75 OD X 1.05&- Rotary sub 3.68& OD X 1.25& ID X 1.05&- Pump off Bit Sub with Dual Flappers 3.68& OD X .97& ID X 2.08&- I Joint 2 7/8 tubing 6.5 L-80 EUE X 8.00 Ft - X nipple 3.67&OD X 2.313& X .93 = 13.11 Ft - 2 7/8 tubing to reach Kill plug @ 5,954 Feet - Filling tubing every 1,000 feet, break circulation every 2,000 feet - On Location Hold safety Meeting, Nabors, Rock Water, Weatherford, Knight, TTS, Review procedure, perform JSA and conduct safety meeting. Discuss PPE, FRC, Smoking area, Line of fire, 3 point Contact. Pinch crush points, slips trips & falls Muster points, Housekeeping, suspended loads. Tag Lines, communications Backing procedures and Spotters, Pressure Concerns, Environmental concerns, Wind Direction, Incident Reporting, Stop Job authority, Potential H2S - Weatherford Testing Knight 5 K Stack & As per Newfield guidelines, 250 low 5 K High for 10 Minutes & Test Bottom Blinds and X Over Spool & Test bottom Pipes and inside Valves on flow Cross& Test Top Pipes and outside valves on flow Cross and flanges & Test Hydrill 4000 psi All Tested Good - Spot Cat walk, Pipe racks start to move and Unload 9800 Ft of 2 7/8 - 6.5# EUE pipe onto Racks - Spot Rig and spot Tank and pump & WFD fluid pump & Consolidate water for Drill out - Nipple up Knight 5 K Drill out Stack & WFD torque and pressure testing Stack - 2230 Hrs.have 184 jts in the hole (5,930') 1 jt above kill plug.Currently picking up swivel and break circulation.2330 Hrs RIH and tag kill plug @ 5,954'.PIR 2.5 Bpm @ 1500 psi,returns 2.5 bpm 1500 psi.2345 Hrs kill plug gone in 15 mins.Pump 10 bbl sweep.WOB 22K,NEU WT-22K,PU WT-26K.Continue RIH to Frac plug #1 @ 6,420'. - Open WH pressure 0 & Close HCR and Nipple down 10k Frac Stack

**Daily Cost:** \$0

**Cumulative Cost:** \$701,083

**9/17/2012 Day: 8****Completion**

Nabors #1406 on 9/17/2012 - Finish DO frac Plugs - Land Tubing Hanger -Test - RD WH - RU Prod tree - Pump off Bit - Turn well over to Production. - 2000 Hrs.Put well to sales.Turn well over to production dept.SICP-700 psi,TBG-1100 6/64 choke. - No Activity.Will finish moving rest of equipment off location in the am. - Lay down Swivel POOH with tubing 115 Stands of tubing EOT 5960 feet 30 + Feet above top Perf- CIRC 2 WBV - Tag sand 140 Ft High from PBTB -EOT 9202 Cleaning out sand to PBTB. 08:00 - Continue RIH to PBTB 9,344 FT. 08:00 - Frac plug #5 gone in 30 mins, pump 10 bbl sweep - Tag frac plug # 5 Jt 270 @8,710' and start drilling,PIR-2.5 bpm @ 1200 psi,returns 2.6 bpm 1100 psi.WOB-22K,PU WT-26K,NEU WT-22-23K. 06:30- Tag Sand at Jt 267 EOT 8640 wash out sand - 0430 Hrs.Tag frac plug #3 @ 7,900' and start drilling.PIR-2.5 bpm 1100 psi,returns 2.6 bpm 1,000 WOB-8K NEU WT-26K PU WT-36K.0500 Hrs plug gone 30 mins,pump 10 bbl sweep and set swivel back.RIH down and tag plug #4 @ 8340'.Start drilling plug,PIR-2.5 bpm 1200 psi,returns 2.5 bpm 1,000 psi,WOB-8-10K,NEU WT 28K,PU WT 36K.0600 Hrs plug #4 gone pump 10 bbl sweep.Set swivel back and continue RIH with tubing down to plug #5 @ 8,710'. - Continue RIH with tubing down to frac plug #1 @ 6,420'.0050 Hrs tag frac plug #1 @ 6,420' and start drilling,PIR-2.5 bpm @ 1200 psi,returns 2.6 bpm 1100 psi.WOB-22K,PU WT-26K,NEU WT-22-23K.0115 Hrs Frac plug #1 gone in 25 mins,pump 10 bbl sweep set swivel back.Continue RIH to frac plug #2 @ 7,434'.Pickup swivel and tag frac plug #2 at 0315 Hrs,start drilling plug,PIR-2.5 bpm,1150 psi,returns 2.4 bpm 1000 psi.WOB-8K,PU WT-33K,NEU WT-32K.0335 Hrs Frac plug #2 gone in 20 mins.Pump 10 bbl sweep.Set swivel back and RIH to Frac plug #3.0425 Hrs pickup swivel and RIH with tubing.Tag frac plug #3 @ 7,900'. - On BTM PBTB - 289 Jts EOT 9,344 FT Circulate 20 Bbl. sweep and 1 WBV 4 BPM 1200 psi 200 BBLS - 17:00 ħ Getting ready to psi test Production Tree 16:55- Rig Down rig Floor and WH UN torque bolts 16:40 ħ Test Void, 10 min Void test 5000 Psi 16:00 - NU 5K production tree and torque onto WH. 15:00 - Tubing hanger DPV Landed, ND 7-1/16" HCR and BOP stack - 19:30 ħ Hook up to production 18:15 - Drop Ball let it fall for 30 minutes- Pump 60 BBL into well -Pump rate 2.5 BPM 1080 psi ħ Did not see Ball Hit ħ Brought rate to 4 BPM and pumped another 35 bbl. ħ still did not see ball hit ħ shut down open well Bleed down to 600 psi close in well and pressure came back up to 1080 psi ħ Which was shut in pressure after Frac ħ Shut in Well 1080 Psi - Turn Over to Production 18:00 ħ Rig up Cameron Lubricator and Pull BPV 17:30 - Pressure tested Prod Tree 250 low and 5 K High for 10 minutes each ħ Good Test.19:30 ħ Hook up to production 18:15 - Drop Ball let it fall for 30 minutes- Pump 60 BBL into well -Pump rate 2.5 BPM 1080 psi ħ Did not see Ball Hit ħ Brought rate to 4 BPM and pumped another 35 bbl. ħ still did not see ball hit ħ shut down open well Bleed down to 600 psi close in well and pressure came back up to 1080 psi ħ Which was shut in pressure after Frac ħ Shut in Well 1080 Psi.Start hooking up production tree.

**Daily Cost:** \$0**Cumulative Cost:** \$790,738**9/24/2012 Day: 9****Completion**

Rigless on 9/24/2012 - Run production log. - 18:45 ħ All personnel off location. Return well to flowback. 18:00 ħ Shut in crown valve. Release pressure. RD & release HES logging unit. - 16:45 ħ POOH w/ 8 stops for static readings. 16:00 - Log down from 5990ħ to 9030ħ & up from 9030ħ to 5990ħ @ 120ħ per minute. 15:00 ħ Log down from 5990ħ to 9030ħ & up from 9030ħ to 5990ħ @ 90ħ per minute. 13:00 ħ Log down from 5990ħ to 9030ħ & up from 9030ħ to 5990ħ @ 60ħ per minute. 10:30 ħ Log down from 5990ħ to 9030ħ & up from 9030ħ to 5990ħ @ 30ħ per minute. 10:00 ħ RIH w/ production logging tools. Choke set on 24/64. 09:00 ħ OOH. PU & RU production logging tool string. 08:00 ħ RU & RIH w/ CCL log to 9060ħ. No fill or obstructions. POOH w/ CCL log. - Safety meeting w/ Halliburton Wireline Service. - Spot & RU slickline truck. Cut parafin to 9000'. POOH & RD slickline.

**Daily Cost:** \$0  
**Cumulative Cost:** \$809,970

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**10/1/2012 Day: 10**

**Completion**

Rigless on 10/1/2012 - Enter final costs in DCR - "06:00 - 06:00; 24 Hr(s); P : Usanco (16345,\$440) Runners (3730,\$130.70) Hagman (837,\$210) Western Well (3042, \$130) DT Trucking (3691, \$840) "

**Daily Cost:** \$0  
**Cumulative Cost:** \$816,895

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**10/16/2012 Day: 11**

**Completion**

Rigless on 10/16/2012 - Capture Costs in DCR - Capture Costs in DCR

**Daily Cost:** \$0  
**Cumulative Cost:** \$838,253

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**Pertinent Files: Go to File List**

<b>STATE OF UTAH</b> DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING	<b>FORM 9</b>
<b>SUNDRY NOTICES AND REPORTS ON WELLS</b>  Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.	5. LEASE DESIGNATION AND SERIAL NUMBER: Patented
	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	7. UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Oil Well	8. WELL NAME and NUMBER: MOON 13-6-4-3W
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY	9. API NUMBER: 43013511860000
3. ADDRESS OF OPERATOR: 1001 17th Street, Suite 2000 , Denver, CO, 80202	PHONE NUMBER: 303 382-4443 Ext
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0760 FSL 0239 FWL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: SWSW Section: 06 Township: 04.0S Range: 03.0W Meridian: U	9. FIELD and POOL or WILDCAT: NORTH MYTON BENCH
	COUNTY: DUCHESNE
	STATE: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

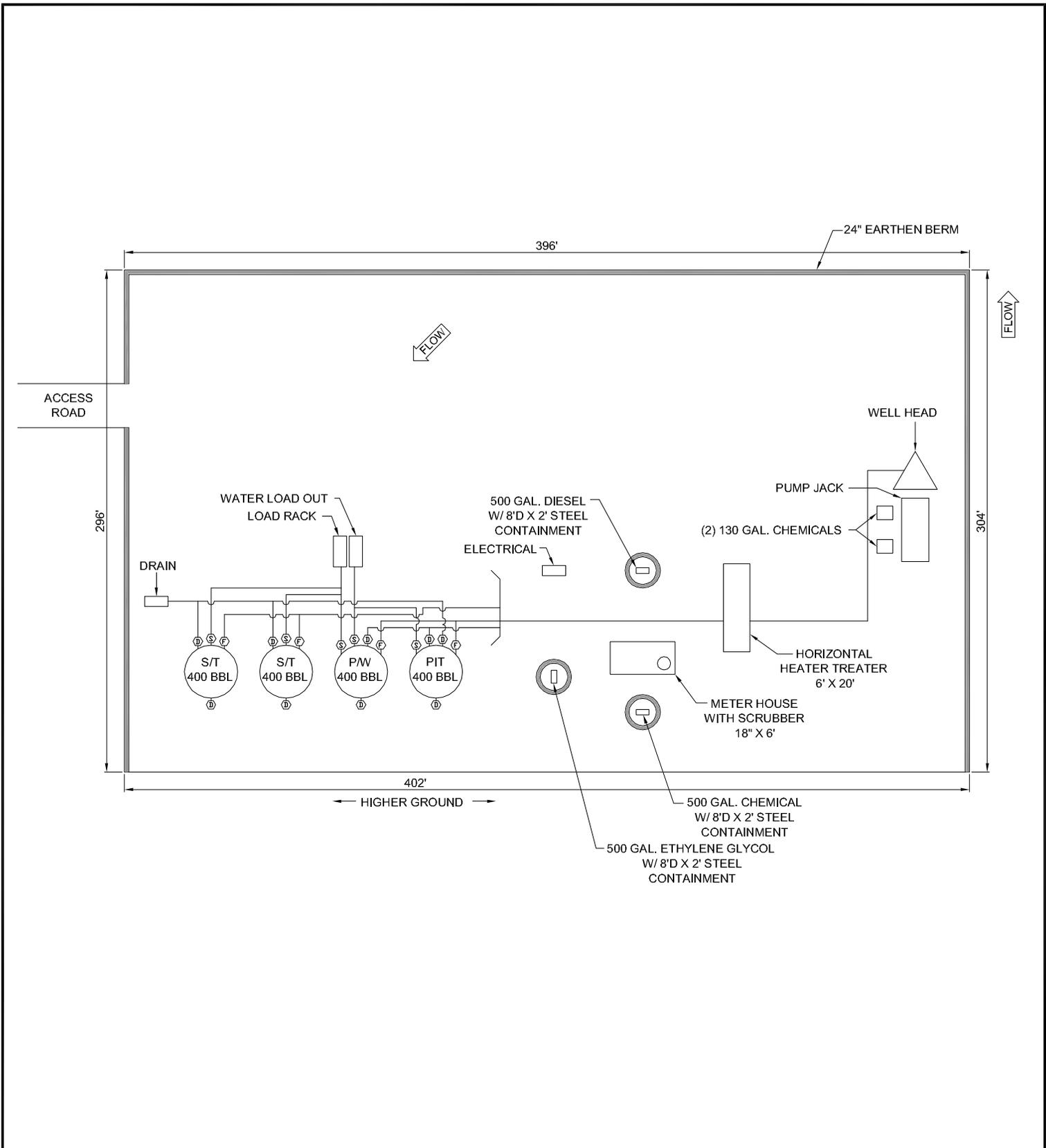
TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> CASING REPAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 1/30/2014	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> CHANGE WELL NAME
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> CONVERT WELL TYPE
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR	<input type="checkbox"/> VENT OR FLARE	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF	<input type="checkbox"/> SI TA STATUS EXTENSION	<input type="checkbox"/> APD EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	<input checked="" type="checkbox"/> OTHER	OTHER: <input type="text" value="Site Facility/Site Security"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

SEE ATTACHED REVISED SITE FACILITY DIAGRAM

**Accepted by the  
 Utah Division of  
 Oil, Gas and Mining  
 FOR RECORD ONLY  
 February 03, 2014**

<b>NAME (PLEASE PRINT)</b> Jill L Loyle	<b>PHONE NUMBER</b> 303 383-4135	<b>TITLE</b> Regulatory Technician
<b>SIGNATURE</b> N/A	<b>DATE</b> 1/31/2014	



POSITION OF VALVES AND USE OF SEALS DURING PRODUCTION			
Valve	Line Purpose	Position	Seal Installed
D	Drain	Closed	Yes
F	Oil, Gas, Water	Open	No
O	Overflow	Open/Closed	No
V	Vent	Open	No
R	Recycle	Closed	Yes
B	Blowdown	Open/Closed	No
S	Sales	Closed	Yes

POSITION OF VALVES AND USE OF SEALS DURING WATER DRAIN			
Valve	Line Purpose	Position	Seal Installed
D	Drain	Open	No
F	Oil, Gas, Water	Closed	No
O	Overflow	Closed	No
V	Vent	Open	No
R	Recycle	Closed	Yes
B	Blowdown	Closed	No
S	Sales	Closed	Yes

Valve Type	
D	Drain Valve
F	Flow Valve
O	Overflow
V	Vent
R	Recycle
B	Blow Down
S	Sales Valve

This lease is subject to the Site Security Plan for:  
 Newfield Exploration Company  
 10530 S. County Rd #33  
 (Rte 3, Box 3630)  
 Myton, UT 84052



**MOON 13-6-4-3W**

Newfield Exploration Company  
 SWSW Sec 6, T4S, R3W  
 Duchesne County, UT

M.G.

AUG 2013



Note: This drawing represents approximate sizes and distances. Underground pipeline locations are also approximated.